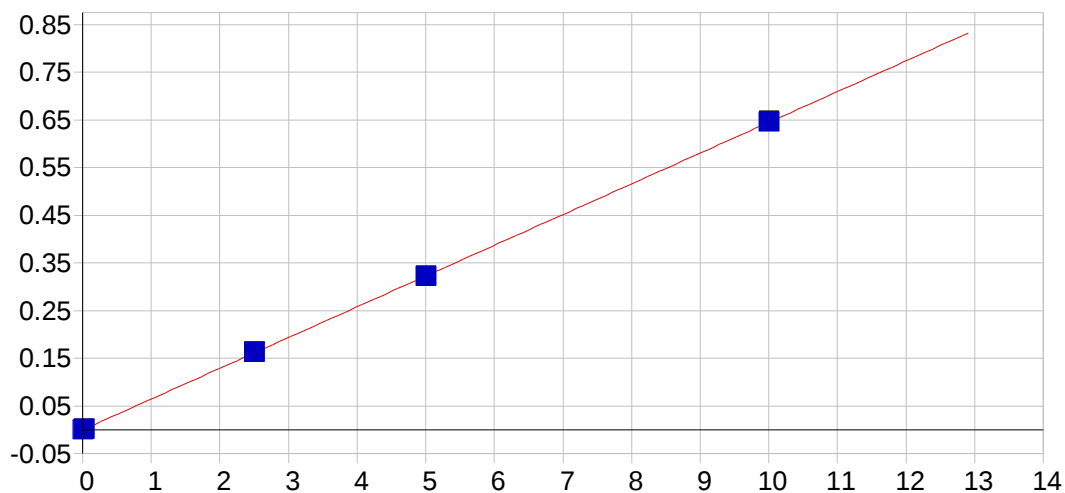


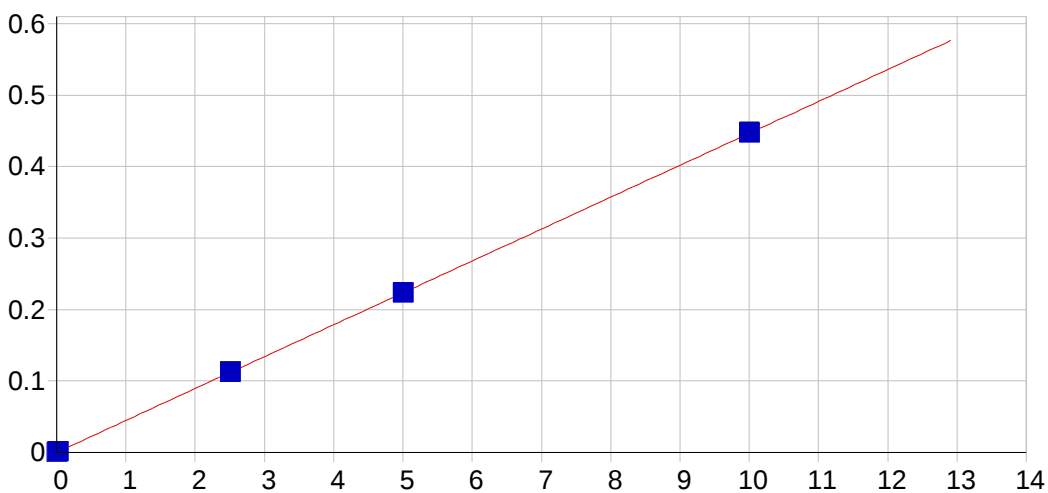


As 189.042 {478}

Date of Fit: 3/25/2019 13:31:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000100 Re-Slope: 1.000000
 A1 (Gain): 0.064476 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999993 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.002850
 Predicted MQL: 0.009500

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00010	.000	1
S1	.02000	.01818	-.002	-9.12	.00107	.000	1
S3	2.5000	2.5076	.008	.305	.16157	.001	1
S4	5.0000	4.9860	-.014	-.280	.32136	.000	1
S5	10.000	10.008	.008	.082	.64515	.001	1



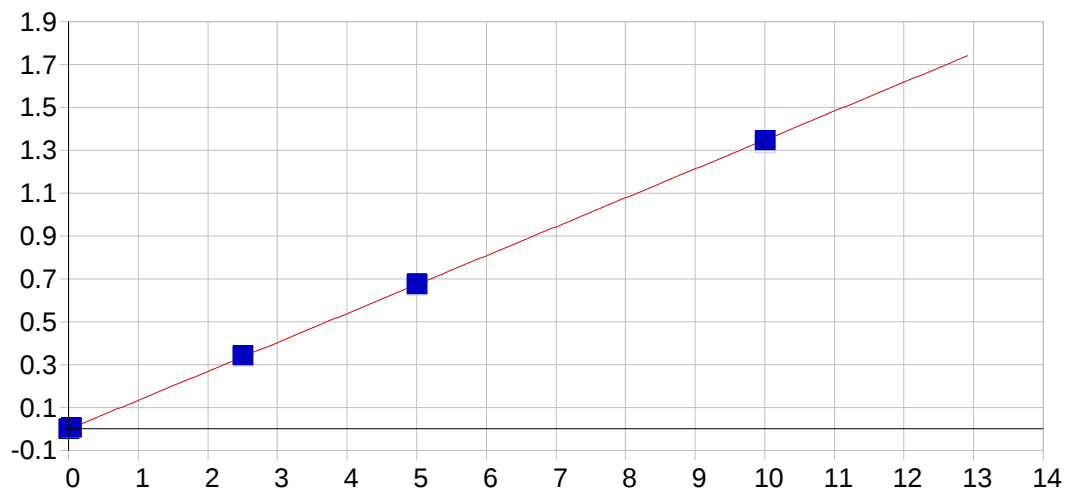
As 189.042 {479}

Date of Fit: 3/25/2019 13:31:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000178 Re-Slope: 1.000000

A1 (Gain): 0.044643 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999997 Status: OK.
 Std Error of Est: 0.000003
 Predicted MDL: 0.002641
 Predicted MQL: 0.008803

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00018	.000	1
S1	.02000	.01981	-.000	-.934	.00106	.000	1
S3	2.5000	2.5090	.009	.359	.11219	.000	1
S4	5.0000	4.9820	-.018	-.359	.22259	.000	1
S5	10.000	10.009	.009	.092	.44703	.001	1

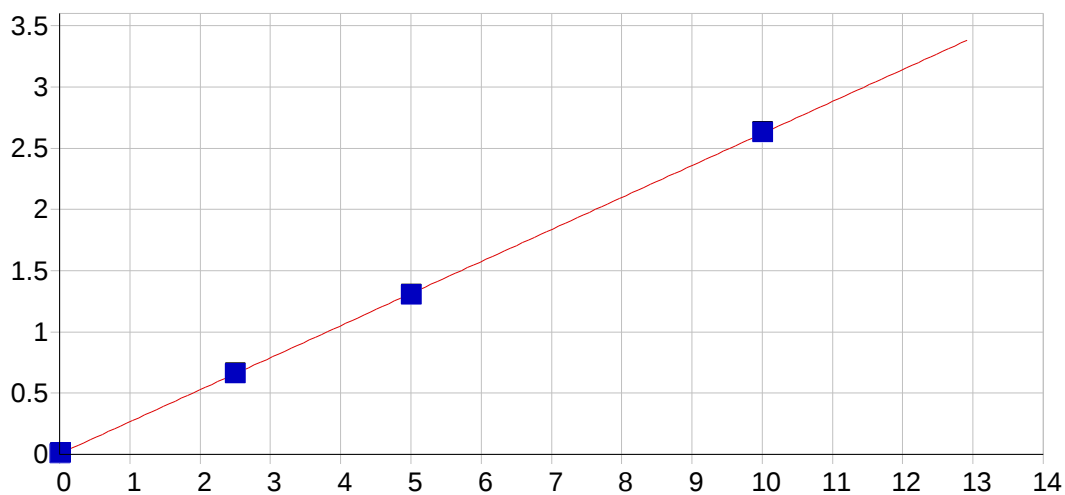


TI 190.856 {477}

Date of Fit: 3/25/2019 13:31:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000875 Re-Slope: 1.000000
 A1 (Gain): 0.134907 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000030
 Predicted MDL: 0.001179
 Predicted MQL: 0.003931

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00088	.000	1
S1	.04000	.04333	.003	8.33	.00483	.000	1
S3	2.5000	2.5300	.030	1.20	.33698	.001	1
S4	5.0000	5.0021	.002	.042	.66703	.001	1
S5	10.000	9.9647	-.035	-.353	1.3296	.001	1

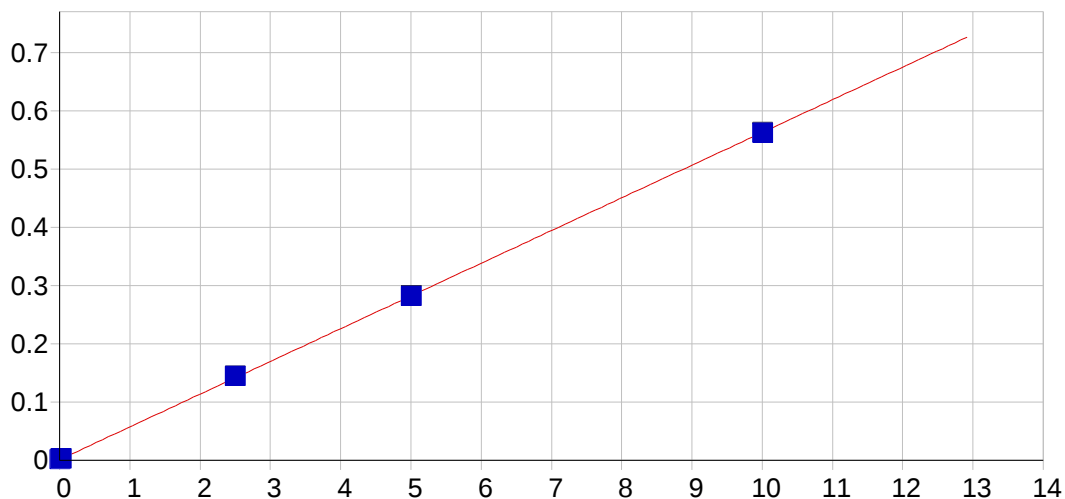


Pb 220.353 {453}

Date of Fit: 3/25/2019 13:31:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005630 Re-Slope: 1.000000
 A1 (Gain): 0.261358 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000033
 Predicted MDL: 0.000946
 Predicted MQL: 0.003153

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00563	.000	1
S1	.01200	.01415	.002	17.9	.00927	.000	1
S3	2.5000	2.5002	.000	.010	.65827	.002	1
S4	5.0000	4.9628	-.037	-.745	1.3010	.002	1
S5	10.000	10.035	.035	.349	2.6250	.002	1



Se 196.090 {472}

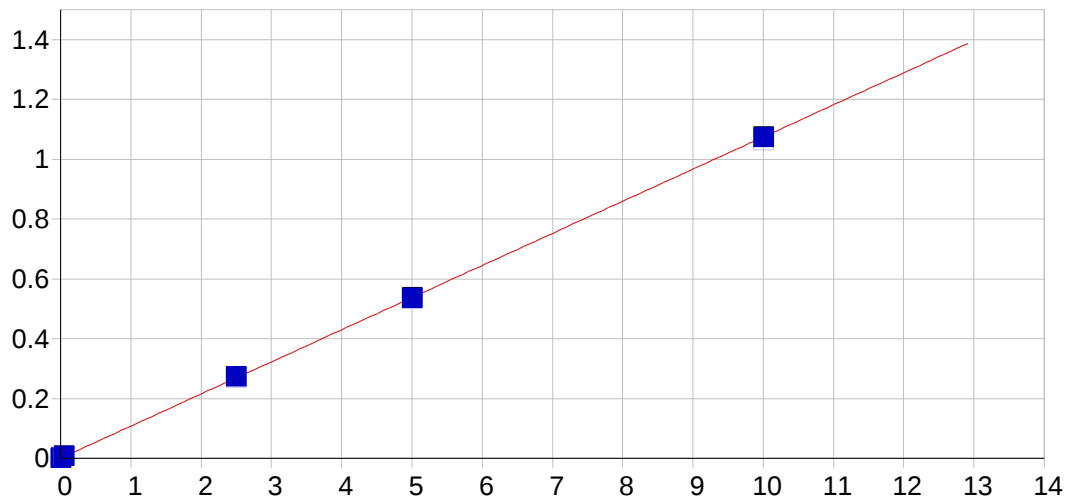
Date of Fit: 3/25/2019 13:31:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001289 Re-Slope: 1.000000
 A1 (Gain): 0.056143 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984
 Std Error of Est: 0.000008
 Predicted MDL: 0.003046
 Predicted MQL: 0.010153

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00129	.000	1
S1	.02000	.02150	.001	7.48	.00250	.000	1
S3	2.5000	2.5303	.030	1.21	.14336	.000	1
S4	5.0000	4.9940	-.006	-.119	.28169	.001	1
S5	10.000	9.9742	-.026	-.258	.56131	.001	1



Sb 206.833 {463}

Date of Fit: 3/25/2019 13:31:05

Type of Fit: Linear

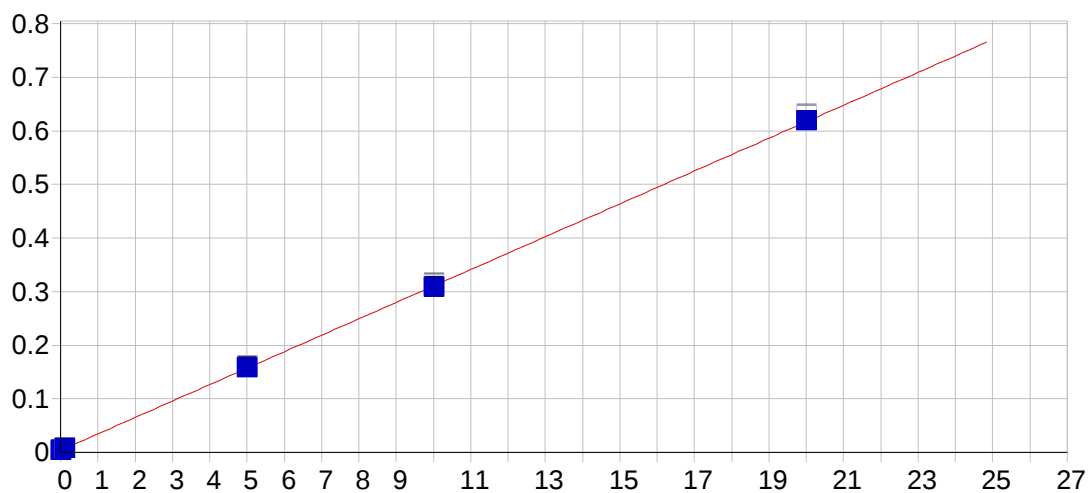
Weighting: 1/Conc

A0 (Offset): 0.000356
 A1 (Gain): 0.107391
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982
 Std Error of Est: 0.000024
 Predicted MDL: 0.001943
 Predicted MQL: 0.006475

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	.00036	.000	1
S1	.05000	.05431	.004	8.62	.00605	.000	1
S3	2.5000	2.5217	.022	.867	.26814	.001	1
S4	5.0000	4.9857	-.014	-.285	.52974	.001	1
S5	10.000	9.9883	-.012	-.117	1.0609	.002	1

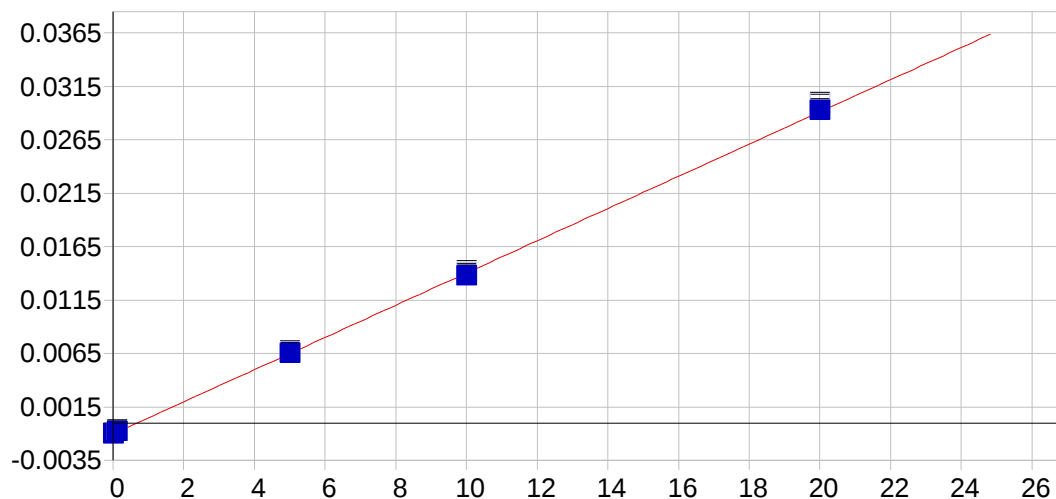


AI 308.215 {109}

Date of Fit: 3/25/2019 13:31:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003850 Re-Slope: 1.000000
 A1 (Gain): 0.030664 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.003313
 Predicted MQL: 0.011044

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00385	.000	1
S1	.10000	.10941	.009	9.41	.00742	.000	1
S3	5.0000	5.0208	.021	.415	.16086	.000	1
S4	10.000	9.9331	-.067	-.669	.31455	.000	1
S5	20.000	20.036	.036	.181	.63046	.001	1



AI 309.271 {109}

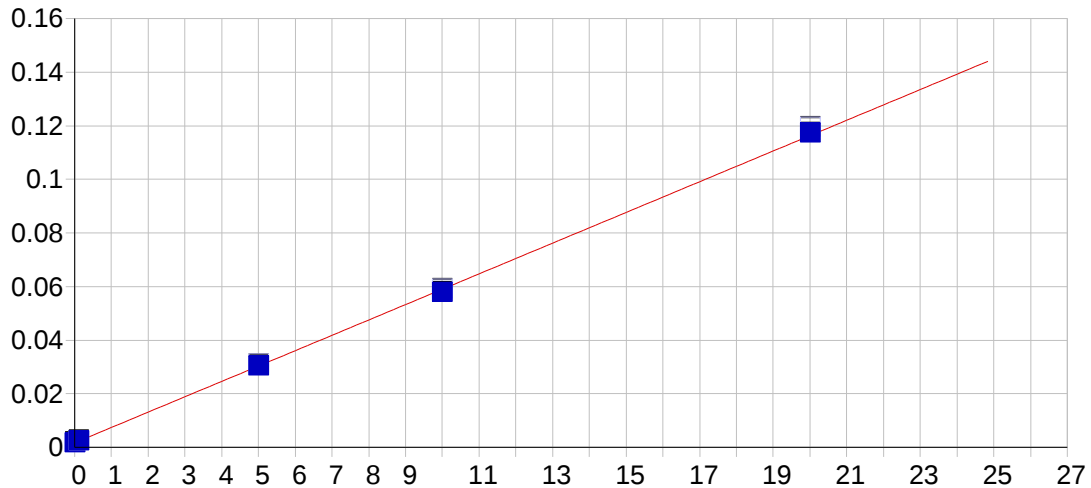
Date of Fit: 3/25/2019 13:31:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001044 Re-Slope: 1.000000
 A1 (Gain): 0.001508 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999694
 Std Error of Est: 0.000003
 Predicted MDL: 0.051718
 Predicted MQL: 0.172395

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	-.00104	.000	1
S1	.10000	.14314	.043	43.1	-.00082	.000	1
S3	5.0000	5.0089	.009	.178	.00666	.000	1
S4	10.000	9.8273	-.173	-1.73	.01408	.000	1
S5	20.000	20.119	.119	.593	.02990	.000	1

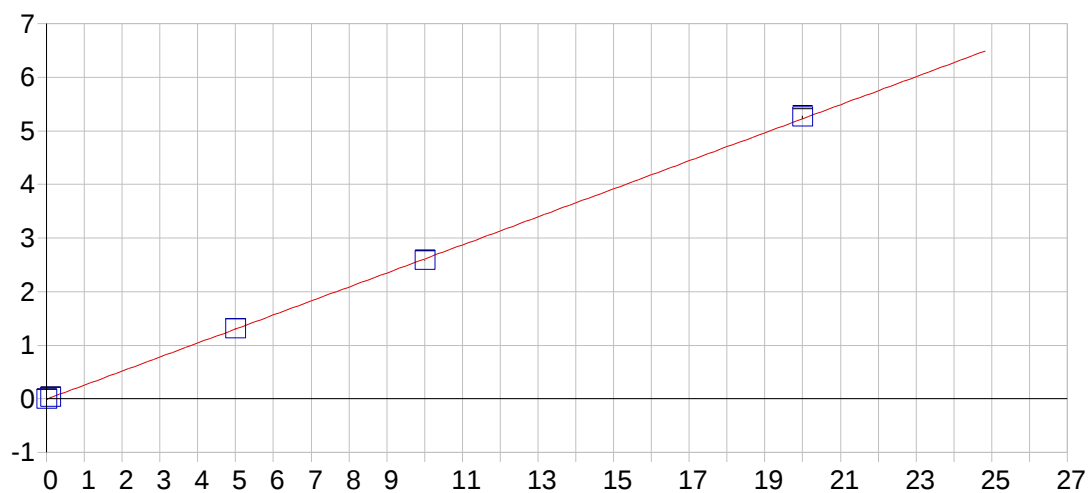


AI 396.152 { 85}

Date of Fit: 3/25/2019 13:31:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001707 Re-Slope: 1.000000
 A1 (Gain): 0.005726 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999831 Status: OK.
 Std Error of Est: 0.000008
 Predicted MDL: 0.020620
 Predicted MQL: 0.068733

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00171	.000	1
S1	.10000	.12673	.027	26.7	.00247	.000	1
S3	5.0000	5.0044	.004	.088	.03093	.000	1
S4	10.000	9.8039	-.196	-1.96	.05898	.000	1
S5	20.000	20.164	.164	.818	.11944	.000	1

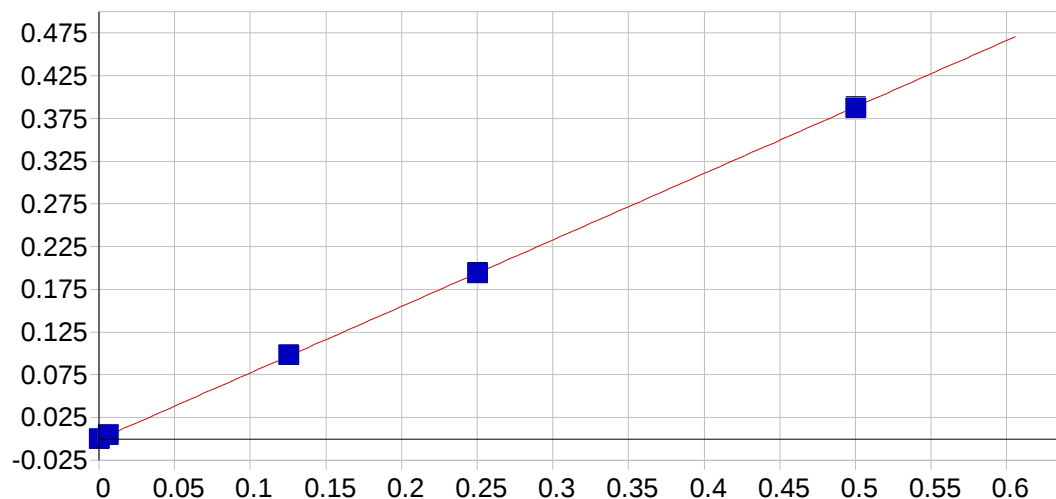


Ba 493.409 { 68}

Date of Fit: 3/25/2019 13:31:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006033 Re-Slope: 1.000000
 A1 (Gain): 0.261530 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964 Status: OK.
 Std Error of Est: 0.000170
 Predicted MDL: 0.001041
 Predicted MQL: 0.003470

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00603	.000	1
S1	.10000	.10602	.006	6.02	.02169	.000	1
S3	5.0000	5.0142	.014	.283	1.3053	.005	1
S5	20.000	20.105	.105	.526	5.2521	.027	1
S4	10.000	9.8746	-.125	-1.25	2.5765	.005	1



Be 234.861 {144}

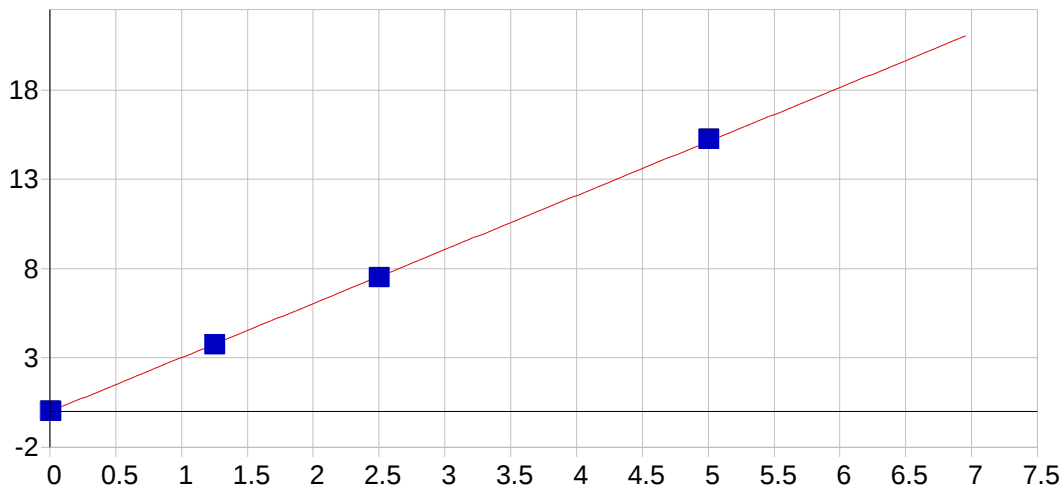
Date of Fit: 3/25/2019 13:31:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000518 Re-Slope: 1.000000
 A1 (Gain): 0.778098 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958
 Std Error of Est: 0.000021
 Predicted MDL: 0.000085
 Predicted MQL: 0.000285

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00052	.000	1
S1	.00600	.00650	.000	8.28	.00449	.000	1
S3	.12500	.12676	.002	1.41	.09750	.000	1
S4	.25000	.24936	-.001	-.255	.19229	.001	1
S5	.50000	.49838	-.002	-.324	.38482	.001	1



Cd 226.502 {449}

Date of Fit: 3/25/2019 13:31:05

Type of Fit: Linear

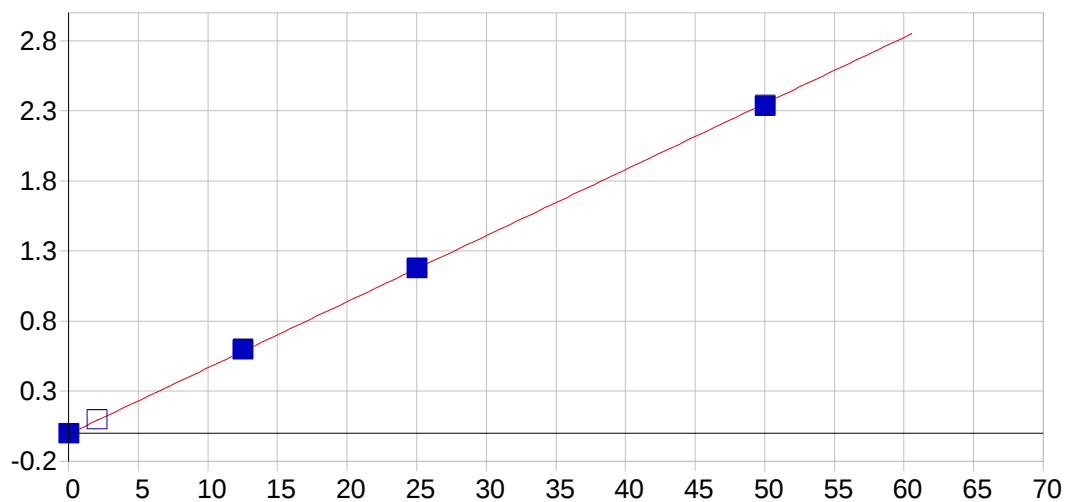
Weighting: 1/Conc

A0 (Offset): -0.000785
 A1 (Gain): 3.022203
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968
 Std Error of Est: 0.000228
 Predicted MDL: 0.000091
 Predicted MQL: 0.000304

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	-.00078	.000	1
S1	.00600	.00607	.000	1.12	.01759	.000	1
S3	1.2500	1.2361	-.014	-1.12	3.7357	.005	1
S4	2.5000	2.4793	-.021	-.829	7.4938	.001	1
S5	5.0000	5.0346	.035	.692	15.218	.006	1

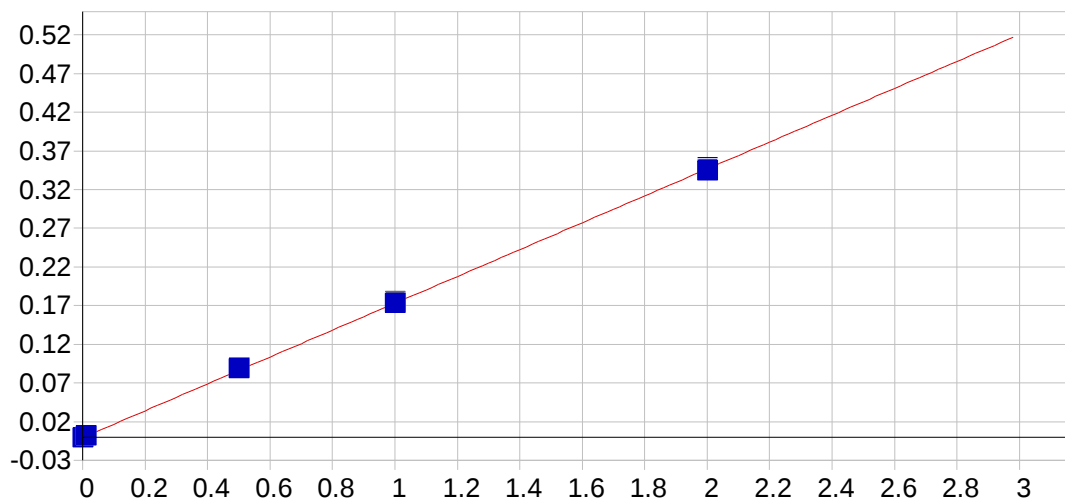


Ca 373.690 { 90}

Date of Fit: 3/25/2019 13:31:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004217 Re-Slope: 1.000000
 A1 (Gain): 0.047138 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999899 Status: OK.
 Std Error of Est: 0.000366
 Predicted MDL: 0.026586
 Predicted MQL: 0.088618

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1402	.140	7.01	.09667	.001	1
S0	.00000	-.00017	-.000	.000	-.00422	.000	1
S3	12.500	12.743	.243	1.95	.59678	.003	1
S4	25.000	25.033	.033	.131	1.1764	.003	1
S5	50.000	49.584	-.416	-.832	2.3343	.004	1



Cr 267.716 {126}

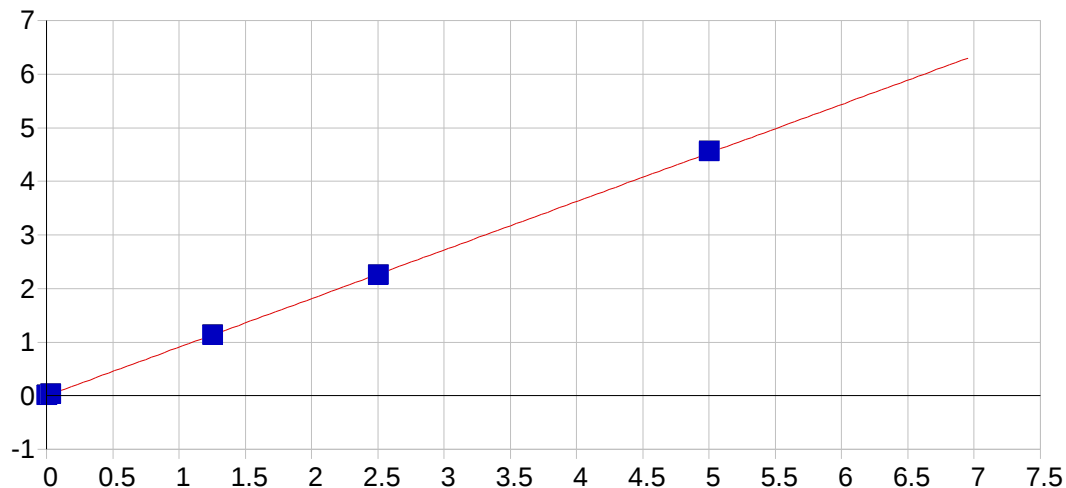
Date of Fit: 3/25/2019 13:31:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000739 Re-Slope: 1.000000
 A1 (Gain): 0.173699 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999930
 Std Error of Est: 0.000016
 Predicted MDL: 0.000511
 Predicted MQL: 0.001703

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00074	.000	1
S1	.01000	.01057	.001	5.67	.00111	.000	1
S3	.50000	.51342	.013	2.68	.08912	.000	1
S4	1.0000	1.0008	.001	.078	.17446	.000	1
S5	2.0000	1.9852	-.015	-.738	.34683	.001	1

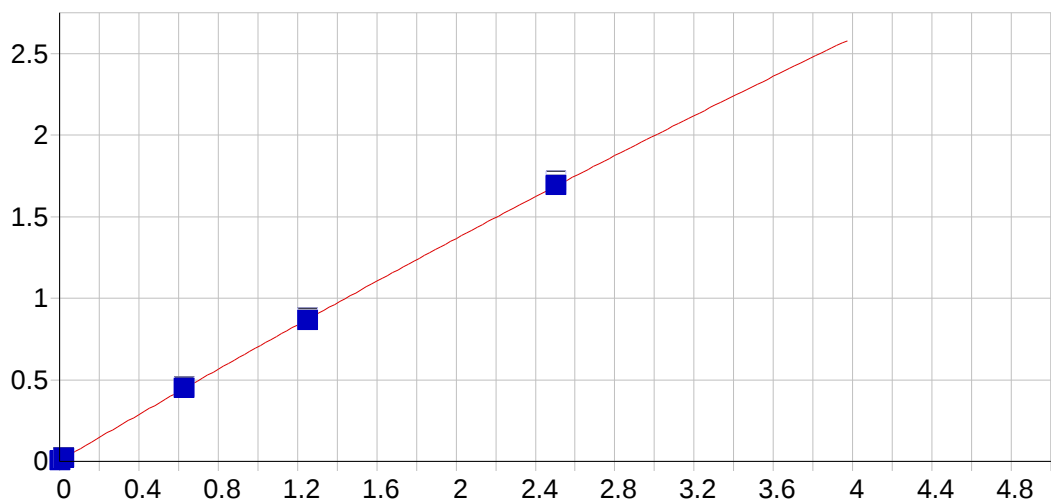


Co 228.616 {447}

Date of Fit: 3/25/2019 13:31:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000579 Re-Slope: 1.000000
 A1 (Gain): 0.905876 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000127
 Predicted MDL: 0.000254
 Predicted MQL: 0.000848

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00058	.000	1
S1	.03000	.02998	-.000	-.078	.02639	.000	1
S3	1.2500	1.2427	-.007	-.582	1.1261	.002	1
S4	2.5000	2.4784	-.022	-.863	2.2463	.003	1
S5	5.0000	5.0289	.029	.578	4.5585	.005	1

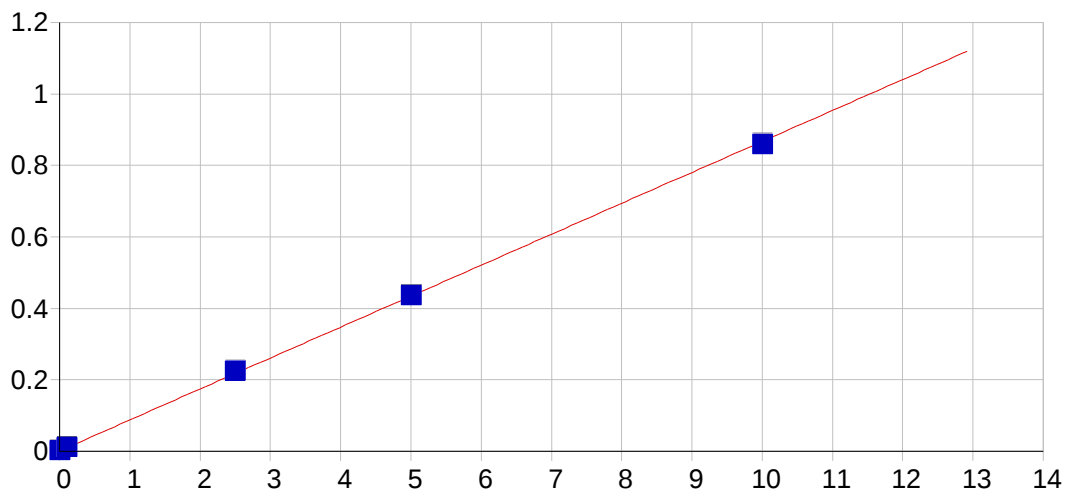


Cu 224.700 {450}

Date of Fit: 3/25/2019 13:31:05 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.004268 Re-Slope: 1.000000
 A1 (Gain): 0.714119 Y-int: 0.000000
 A2 (Curvature): -0.016618
 n (Exponent): 1.000000
 Correlation: 0.999961 Status: OK.
 Std Error of Est: 0.000091
 Predicted MDL: 0.000430
 Predicted MQL: 0.001433

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00427	.000	1
S1	.02000	.02179	.002	8.96	.02004	.000	1
S3	.62500	.63066	.006	.905	.45523	.001	1
S4	1.2500	1.2375	-.013	-1.00	.87696	.001	1
S5	2.5000	2.5051	.005	.204	1.7178	.002	1



Fe 240.488 {140}

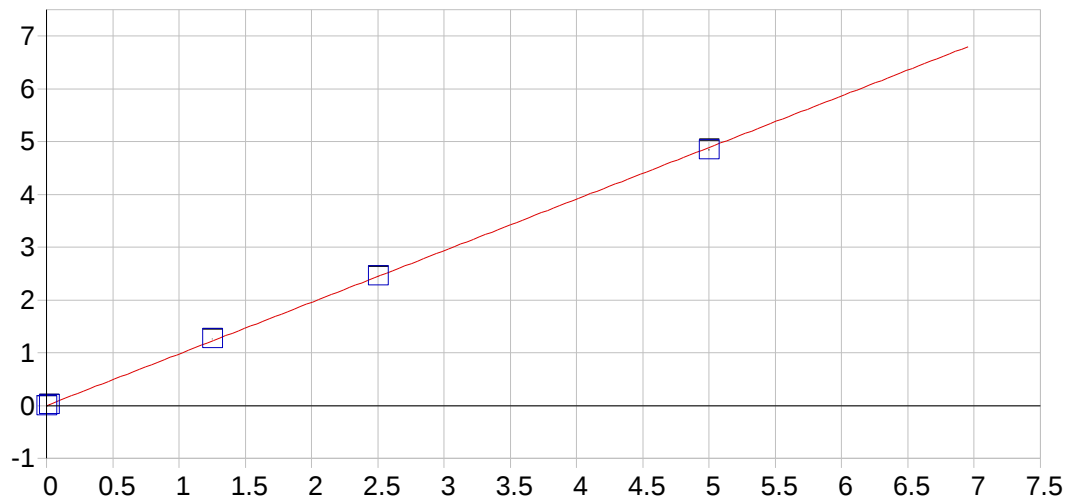
Date of Fit: 3/25/2019 13:31:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001280 Re-Slope: 1.000000
 A1 (Gain): 0.086589 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999859
 Std Error of Est: 0.000079
 Predicted MDL: 0.000764
 Predicted MQL: 0.002546

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00128	.000	1
S1	.10000	.11025	.010	10.3	.01087	.000	1
S3	2.5000	2.5811	.081	3.24	.22558	.001	1
S4	5.0000	5.0200	.020	.399	.43757	.000	1
S5	10.000	9.8887	-.111	-1.11	.86077	.001	1



Mn 257.610 {131}

Date of Fit: 3/25/2019 13:31:05

Type of Fit: Linear

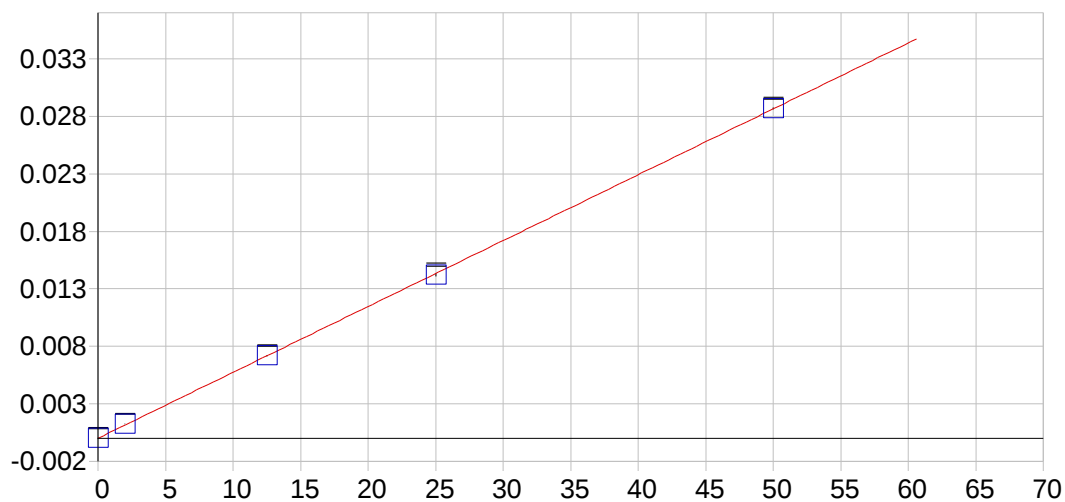
Weighting: 1/Conc

A0 (Offset): 0.000008
 A1 (Gain): 0.977784
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999858
 Std Error of Est: 0.000282
 Predicted MDL: 0.000078
 Predicted MQL: 0.000261

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00000	.000	1
S1	.02000	.02351	.004	17.5	.02300	.000	1
S3	1.2500	1.2911	.041	3.29	1.2625	.003	1
S4	2.5000	2.5057	.006	.229	2.4501	.006	1
S5	5.0000	4.9496	-.050	-1.01	4.8397	.013	1

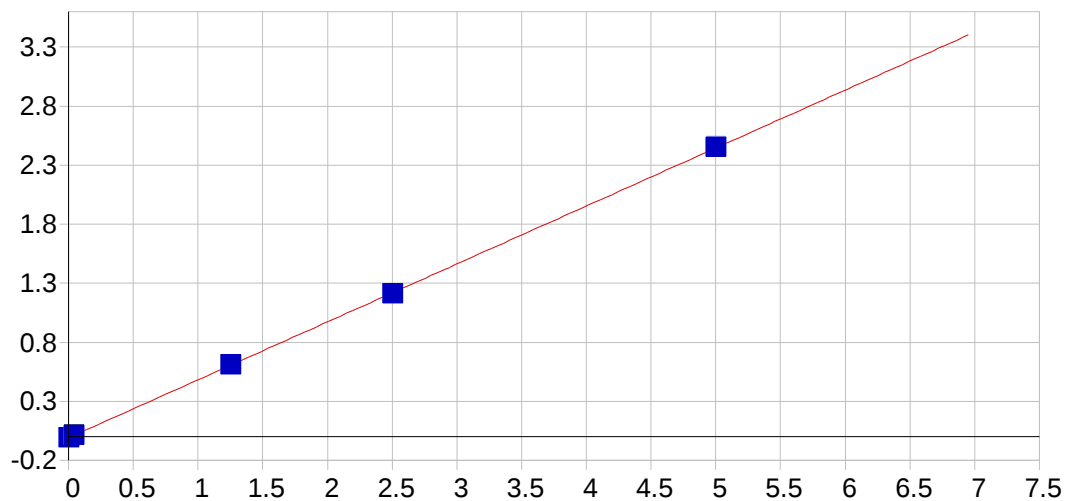


Mg 279.079 {121}

Date of Fit: 3/25/2019 13:31:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000013 Re-Slope: 1.000000
 A1 (Gain): 0.000573 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999940 Status: OK.
 Std Error of Est: 0.000003
 Predicted MDL: 0.069267
 Predicted MQL: 0.230891

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1303	.130	6.52	.00123	.000	1
S0	.00000	-.00012	-.000	.000	.00001	.000	1
S3	12.500	12.535	.035	.279	.00719	.000	1
S4	25.000	24.773	-.227	-.908	.01420	.000	1
S5	50.000	50.062	.062	.124	.02868	.000	1



Ni 231.604 {445}

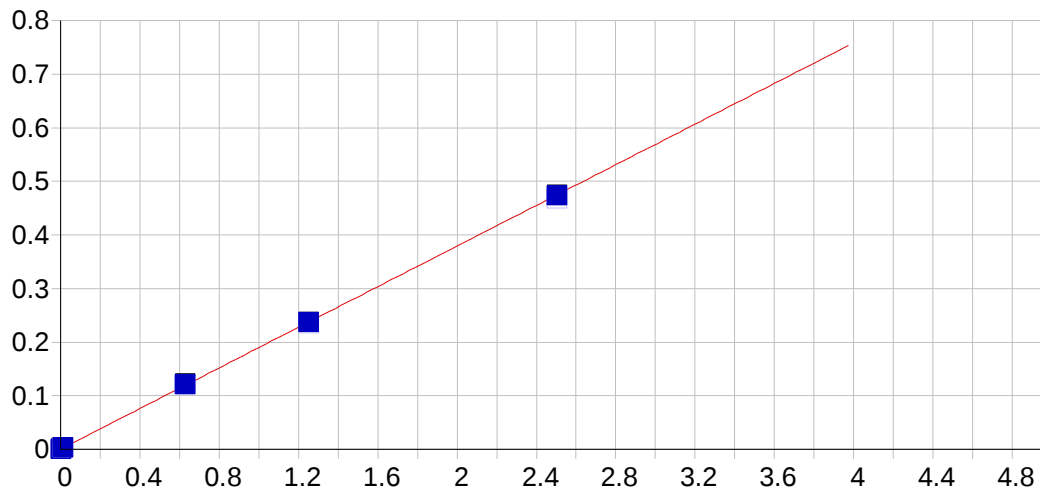
Date of Fit: 3/25/2019 13:31:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.009475 Re-Slope: 1.000000
 A1 (Gain): 0.490882 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985
 Std Error of Est: 0.000065
 Predicted MDL: 0.000509
 Predicted MQL: 0.001697

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00948	.000	1
S1	.04000	.04105	.001	2.62	.01069	.000	1
S3	1.2500	1.2538	.004	.306	.60667	.001	1
S4	2.5000	2.4793	-.021	-.826	1.2089	.001	1
S5	5.0000	5.0158	.016	.316	2.4554	.002	1

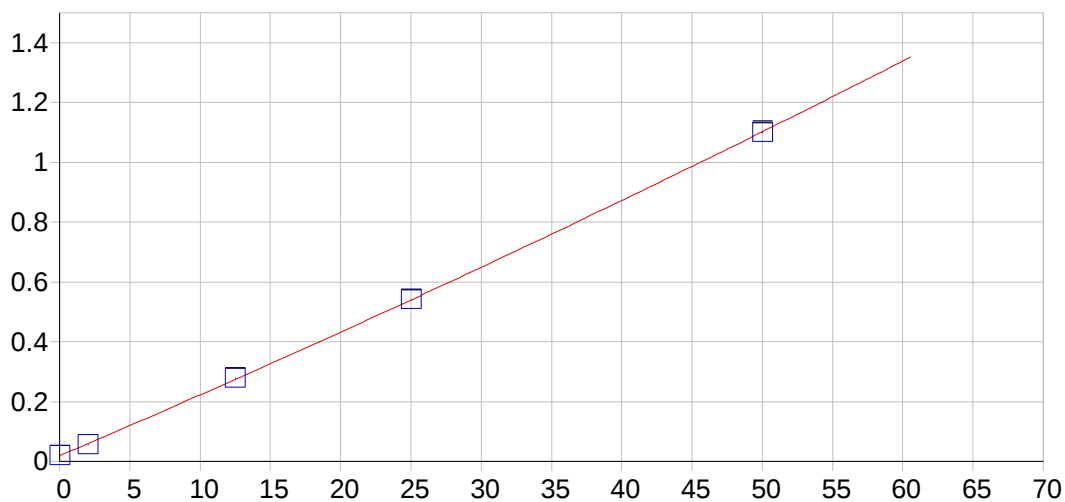


Ag 328.068 {103}

Date of Fit: 3/25/2019 13:31:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000239 Re-Slope: 1.000000
 A1 (Gain): 0.189524 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.000699
 Predicted MQL: 0.002332

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00024	.000	1
S1	.01000	.00992	-.000	-.784	.00208	.000	1
S3	.62500	.63783	.013	2.05	.11975	.000	1
S4	1.2500	1.2454	-.005	-.368	.23352	.000	1
S5	2.5000	2.4918	-.008	-.326	.46700	.001	1

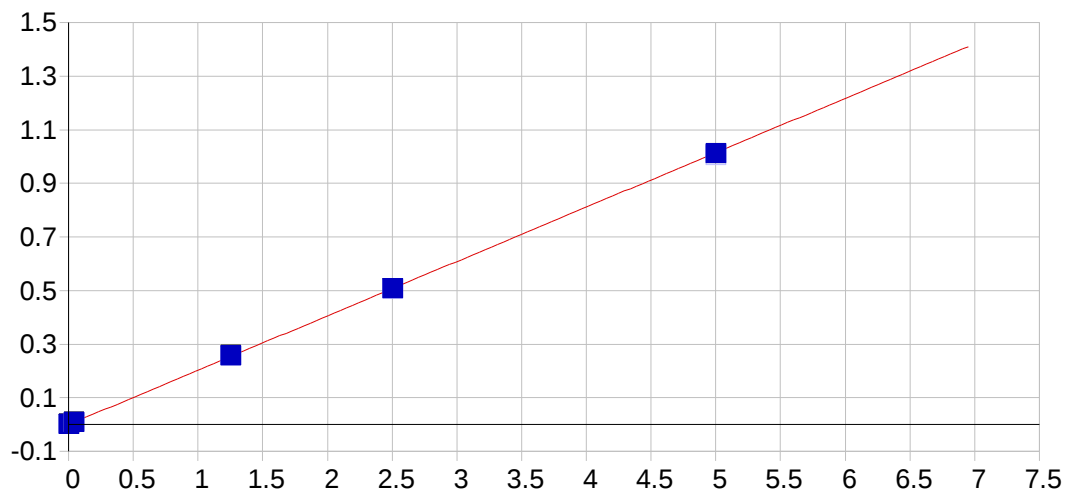


Na 589.592 { 57}

Date of Fit: 3/25/2019 13:31:05 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.019095 Re-Slope: 1.000000
 A1 (Gain): 0.019986 Y-int: 0.000000
 A2 (Curvature): 0.000033
 n (Exponent): 1.000000
 Correlation: 0.999900 Status: Warning Positive Curvature
 Std Error of Est: 0.000201
 Predicted MDL: 0.014373
 Predicted MQL: 0.047909

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.8193	-.181	-9.03	.05557	.000	1
S0	.00000	.00015	.000	.000	.01910	.000	1
S3	12.500	12.702	.202	1.61	.27834	.000	1
S4	25.000	25.031	.031	.124	.54030	.001	1
S5	50.000	49.947	-.053	-.106	1.1007	.003	1



V 292.402 {115}

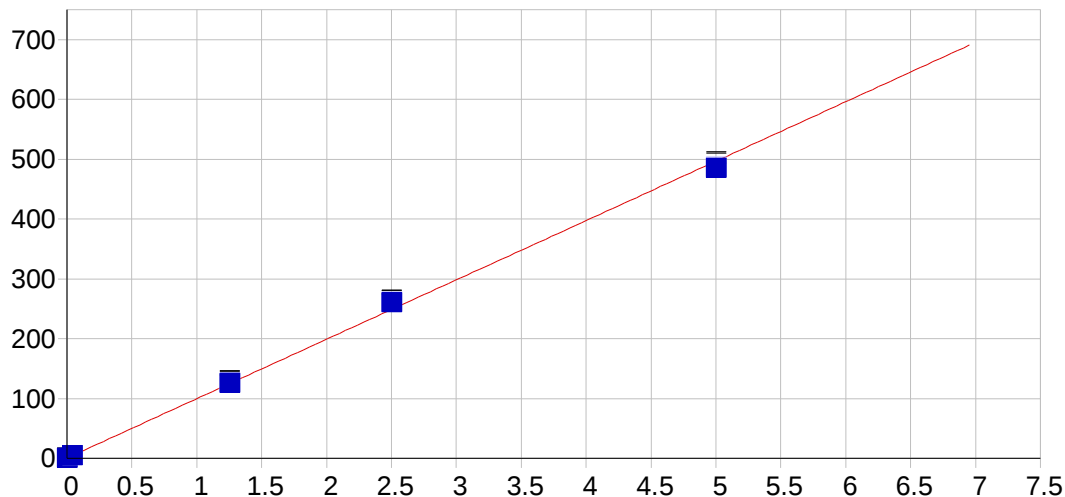
Date of Fit: 3/25/2019 13:31:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000320 Re-Slope: 1.000000
 A1 (Gain): 0.202890 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999974
 Std Error of Est: 0.000035
 Predicted MDL: 0.000503
 Predicted MQL: 0.001678

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00032	.000	1
S1	.04000	.04228	.002	5.69	.00813	.000	1
S3	1.2500	1.2678	.018	1.42	.25525	.001	1
S4	2.5000	2.4984	-.002	-.064	.50326	.001	1
S5	5.0000	4.9815	-.018	-.369	1.0038	.001	1



Zn 206.200 {163}

Date of Fit: 3/25/2019 13:31:05

Type of Fit: Linear

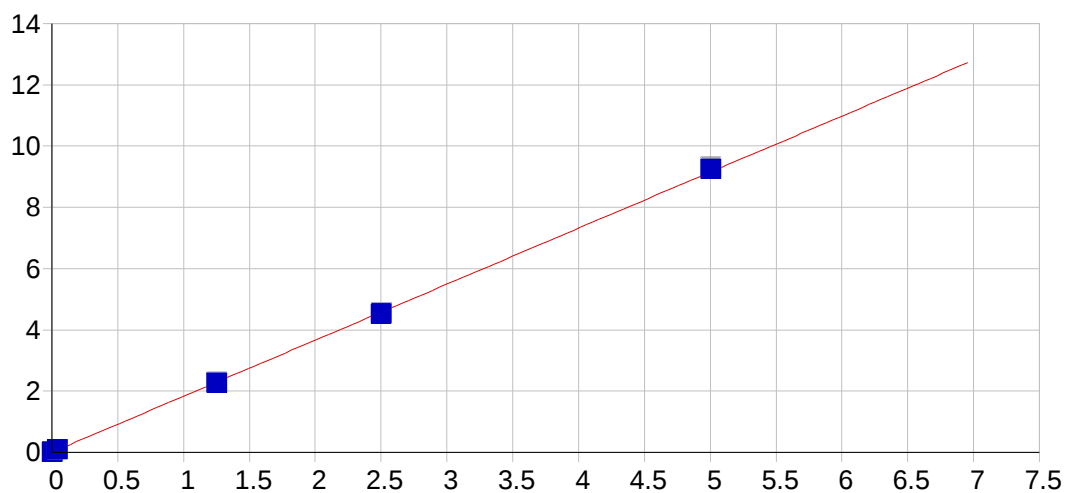
Weighting: 1/Conc

A0 (Offset): 0.245874
 A1 (Gain): 99.326418
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999512
 Std Error of Est: 0.075555
 Predicted MDL: 0.000319
 Predicted MQL: 0.001062

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	.24551	.008	1
S1	.04000	.04248	.002	6.19	4.4910	.043	1
S3	1.2500	1.2610	.011	.877	126.24	3.00	1
S4	2.5000	2.6139	.114	4.56	261.38	2.90	1
S5	5.0000	4.8726	-.127	-2.55	487.23	8.48	1

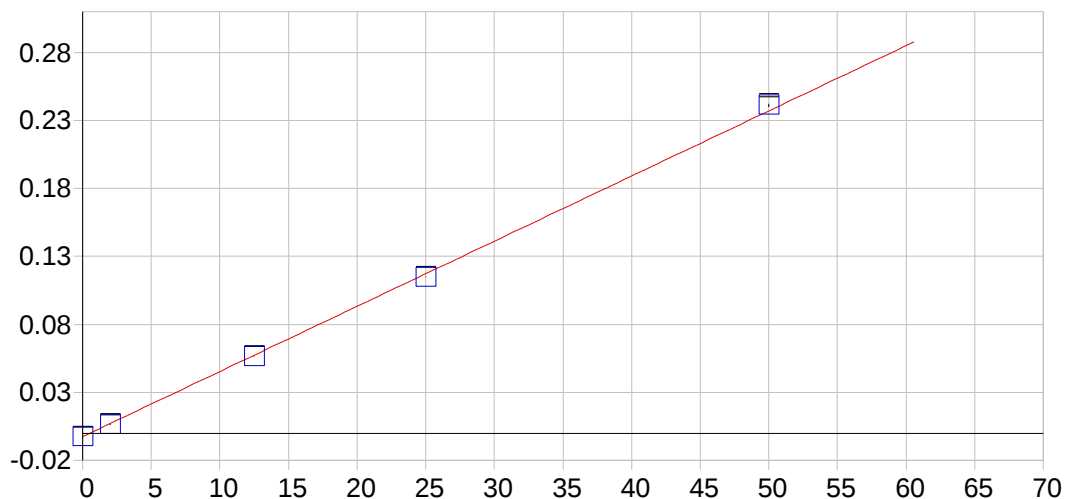


Zn 213.856 {458}

Date of Fit: 3/25/2019 13:31:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003741 Re-Slope: 1.000000
 A1 (Gain): 1.829231 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999940 Status: OK.
 Std Error of Est: 0.000488
 Predicted MDL: 0.000109
 Predicted MQL: 0.000364

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00374	.000	1
S1	.04000	.03949	-.001	-1.27	.07649	.000	1
S3	1.2500	1.2331	-.017	-1.35	2.2740	.003	1
S4	2.5000	2.4694	-.031	-1.22	4.5500	.003	1
S5	5.0000	5.0480	.048	.959	9.2960	.003	1



K 766.490 {44}

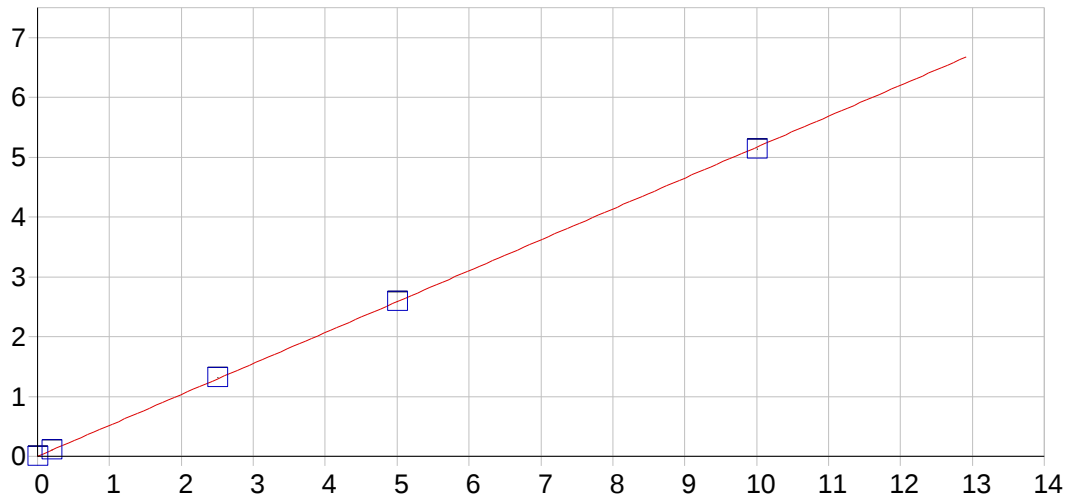
Date of Fit: 3/25/2019 13:31:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002595 Re-Slope: 1.000000
 A1 (Gain): 0.004792 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999779
 Std Error of Est: 0.000055
 Predicted MDL: 0.063002
 Predicted MQL: 0.210005

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.8412	-.159	-7.94	.00623	.000	1
S0	.00000	.00020	.000	.000	-.00259	.000	1
S3	12.500	12.307	-.193	-1.55	.05638	.000	1
S4	25.000	24.508	-.492	-1.97	.11485	.000	1
S5	50.000	50.844	.844	1.69	.24106	.001	1



Mo 202.030 {467}

Date of Fit: 3/25/2019 13:31:05

Type of Fit: Linear

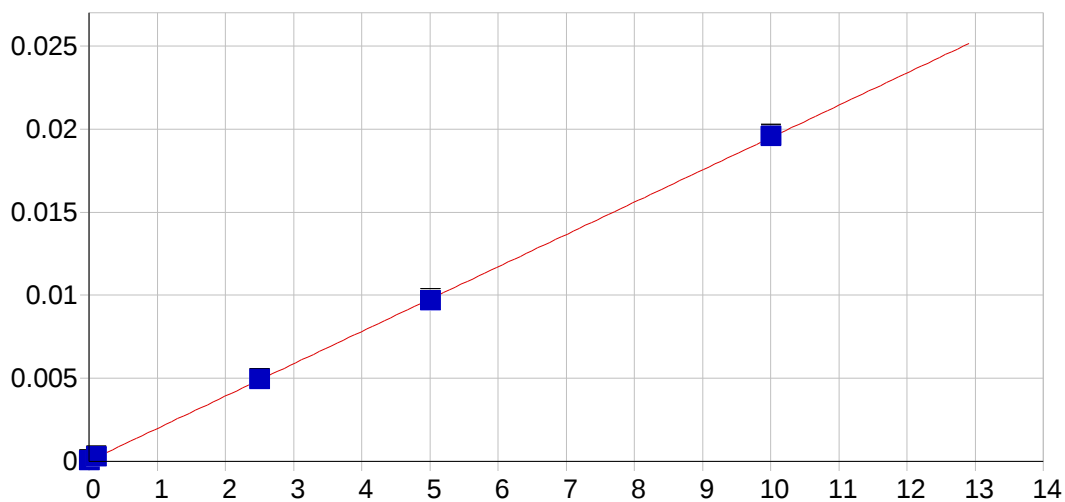
Weighting: 1/Conc

A0 (Offset): 0.000792
 A1 (Gain): 0.516748
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999936
 Std Error of Est: 0.000450
 Predicted MDL: 0.000322
 Predicted MQL: 0.001074

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00078	.000	1
S1	.20000	.21310	.013	6.55	.11091	.000	1
S3	2.5000	2.5503	.050	2.01	1.3186	.002	1
S4	5.0000	5.0008	.001	.016	2.5849	.002	1
S5	10.000	9.9359	-.064	-.641	5.1351	.004	1

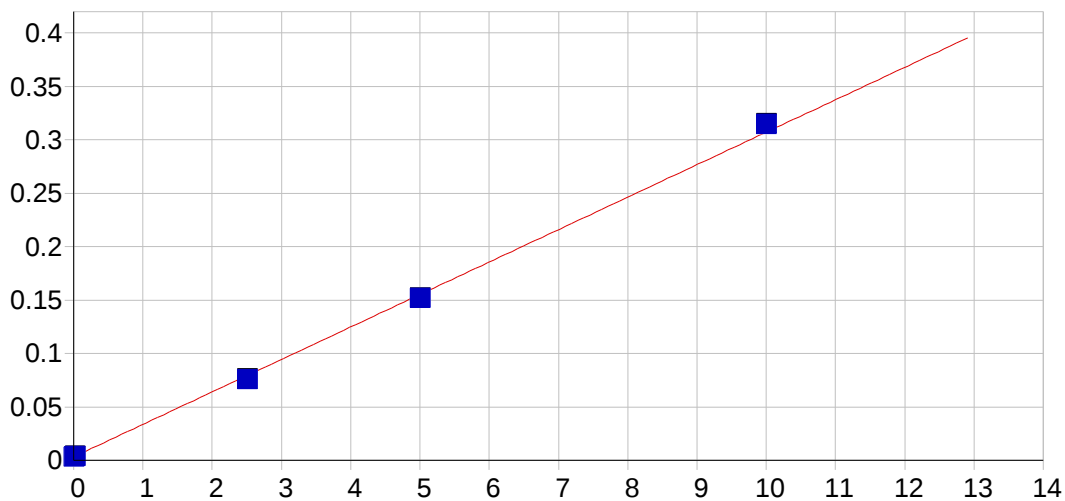


B 249.678 {135}

Date of Fit: 3/25/2019 13:31:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000037 Re-Slope: 1.000000
 A1 (Gain): 0.001945 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999926 Status: OK.
 Std Error of Est: 0.000001
 Predicted MDL: 0.015837
 Predicted MQL: 0.052789

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00004	.000	1
S1	.10000	.11324	.013	13.2	.00026	.000	1
S3	2.5000	2.5090	.009	.359	.00491	.000	1
S4	5.0000	4.9423	-.058	-1.15	.00963	.000	1
S5	10.000	10.036	.036	.355	.01951	.000	1



S 182.034 {485}

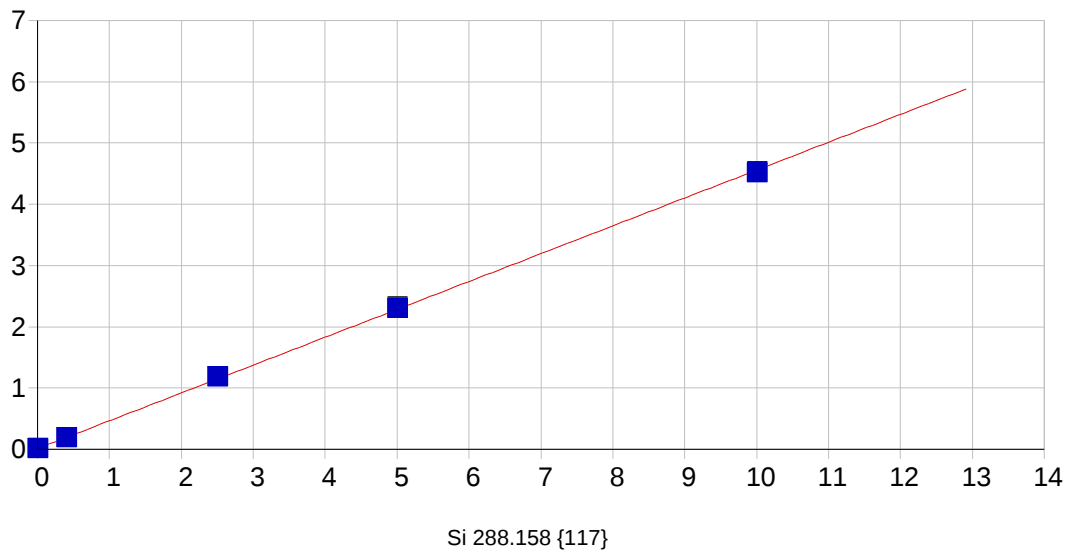
Date of Fit: 3/25/2019 13:31:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003261 Re-Slope: 1.000000
 A1 (Gain): 0.030388 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999437
 Std Error of Est: 0.000025
 Predicted MDL: 0.003569
 Predicted MQL: 0.011898

Status: OK.

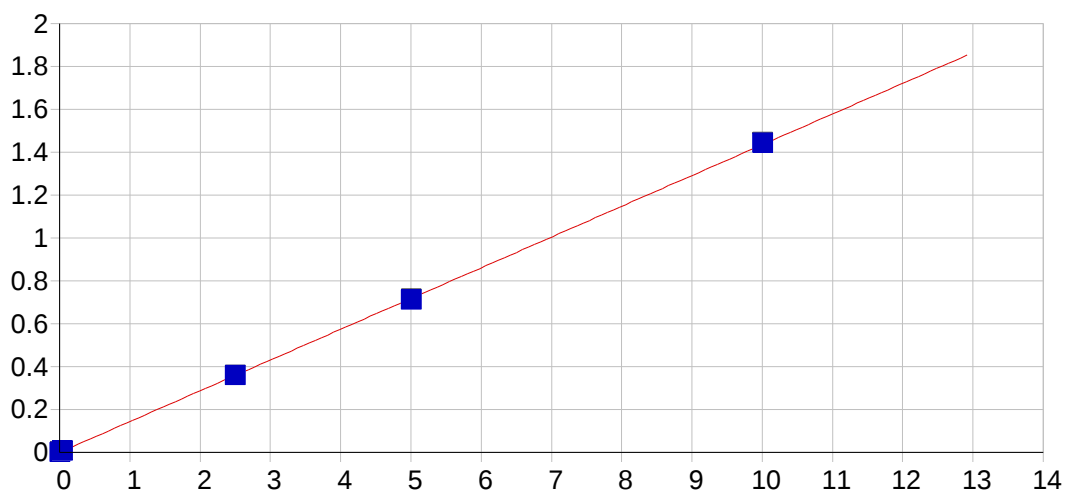
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00326	.000	1
S1	.02000	.00881	-.011	-56.0	.00351	.000	1
S3	2.5000	2.3852	-.115	-4.59	.07566	.000	1
S4	5.0000	4.8878	-.112	-2.24	.15162	.000	1
S5	10.000	10.238	.238	2.38	.31403	.001	1



Date of Fit: 3/25/2019 13:31:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.010646 Re-Slope: 1.000000
 A1 (Gain): 0.454712 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999906 Status: OK.
 Std Error of Est: 0.000681
 Predicted MDL: 0.002780
 Predicted MQL: 0.009265

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.01065	.002	1
S1	.40000	.39160	-.008	-2.10	.18856	.001	1
S3	2.5000	2.5717	.072	2.87	1.1794	.001	1
S4	5.0000	5.0327	.033	.653	2.2979	.018	1
S5	10.000	9.9040	-.096	-.960	4.5117	.012	1

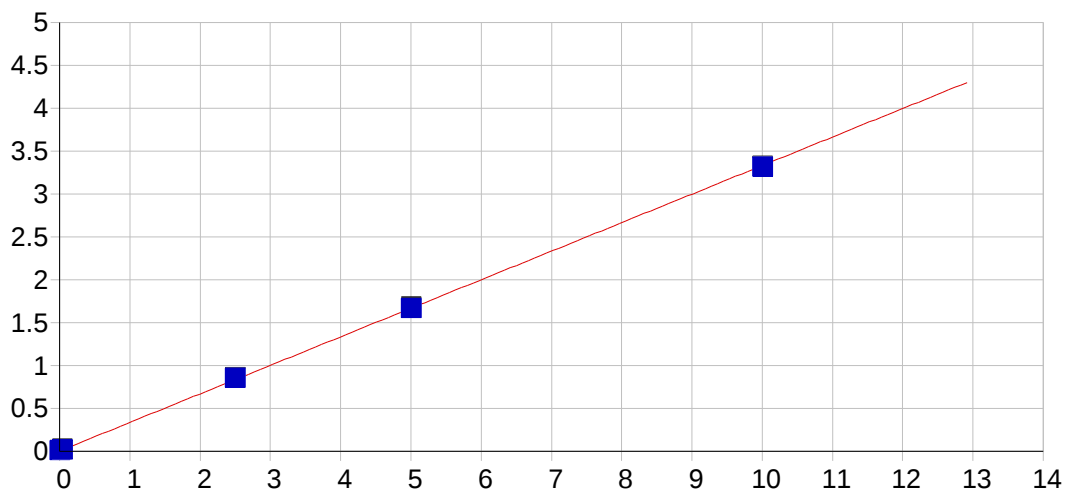


Sn 189.989 {477}

Date of Fit: 3/25/2019 13:31:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000433 Re-Slope: 1.000000
 A1 (Gain): 0.143429 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999977 Status: OK.
 Std Error of Est: 0.000033
 Predicted MDL: 0.000781
 Predicted MQL: 0.002602

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00043	.000	1
S1	.04000	.03825	-.002	-4.39	.00592	.000	1
S3	2.5000	2.4895	-.010	-.419	.35757	.001	1
S4	5.0000	4.9569	-.043	-.862	.71152	.002	1
S5	10.000	10.055	.055	.553	1.4429	.002	1



Ti 336.121 {100}

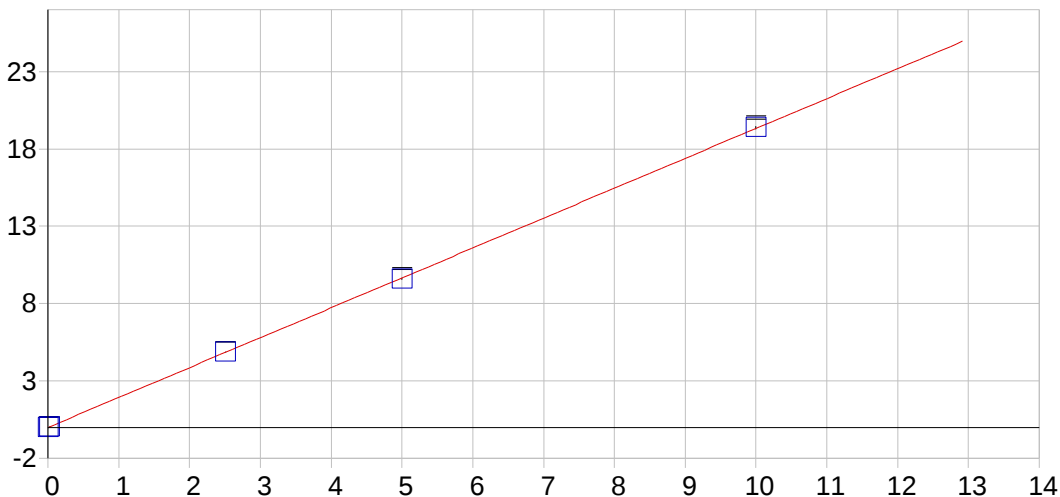
Date of Fit: 3/25/2019 13:31:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004181 Re-Slope: 1.000000
 A1 (Gain): 0.332749 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967
 Std Error of Est: 0.000093
 Predicted MDL: 0.002729
 Predicted MQL: 0.009098

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00418	.000	1
S1	.04000	.04145	.001	3.63	.01797	.001	1
S3	2.5000	2.5472	.047	1.89	.85166	.005	1
S4	5.0000	4.9988	-.001	-.023	1.6673	.011	1
S5	10.000	9.9525	-.048	-.475	3.3154	.005	1



Li 670.784 { 50}

Date of Fit: 3/25/2019 13:31:05

Type of Fit: Linear

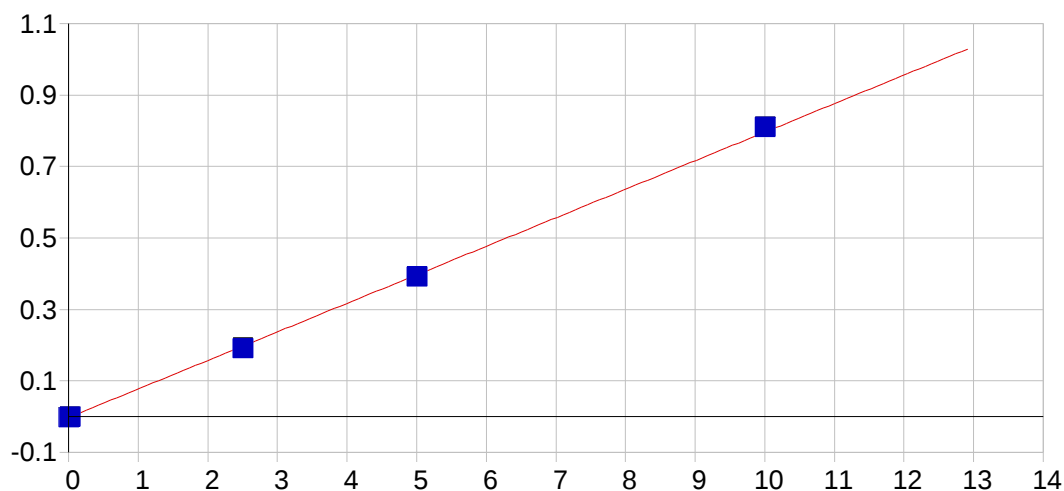
Weighting: 1/Conc

A0 (Offset): -0.001805
 A1 (Gain): 1.932463
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929
 Std Error of Est: 0.000555
 Predicted MDL: 0.002138
 Predicted MQL: 0.007125

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	-.00179	.002	1
S1	.02000	.01374	-.006	-31.3	.02476	.001	1
S3	2.5000	2.5192	.019	.766	4.8664	.018	1
S4	5.0000	4.9611	-.039	-.778	9.5853	.061	1
S5	10.000	10.026	.026	.260	19.373	.106	1

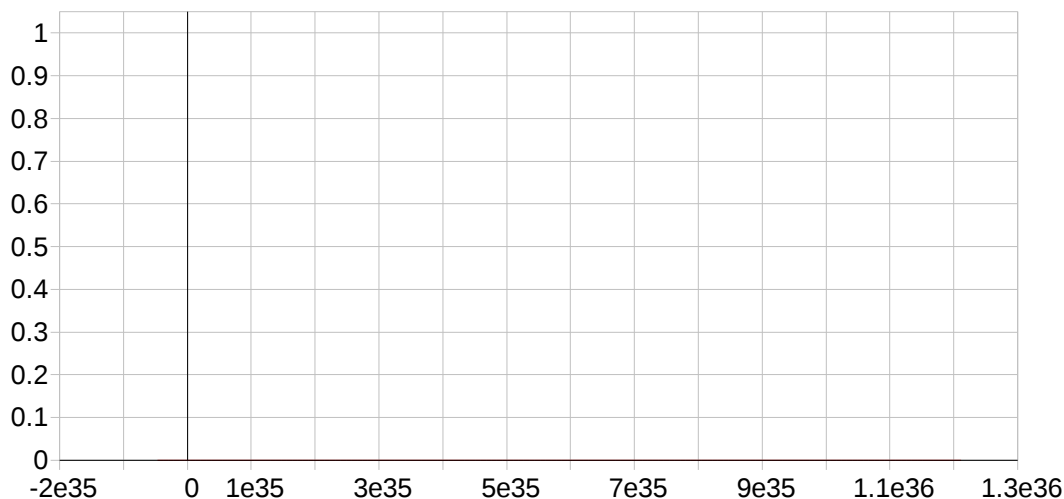


P 177.495 {490}

Date of Fit: 3/25/2019 13:31:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002450 Re-Slope: 1.000000
 A1 (Gain): 0.079864 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999813 Status: OK.
 Std Error of Est: 0.000037
 Predicted MDL: 0.001566
 Predicted MQL: 0.005221

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00245	.000	1
S1	.02000	.01920	-.001	-4.02	-.00092	.000	1
S3	2.5000	2.4189	-.081	-3.25	.19044	.000	1
S4	5.0000	4.9204	-.080	-1.59	.38993	.001	1
S5	10.000	10.162	.162	1.62	.80794	.001	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
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Re-Slope: 1.000000
Y-int: 0.000000

Status: Warning Zero Gain





In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

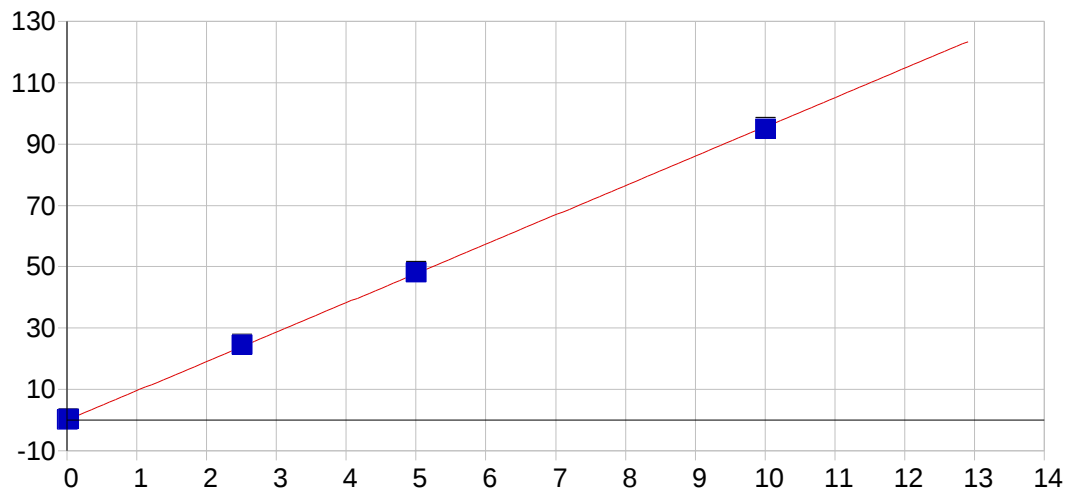
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Sr 407.771 { 83}

Date of Fit: 3/25/2019 13:31:05

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.008200

Re-Slope: 1.000000

A1 (Gain): 9.558726

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999934

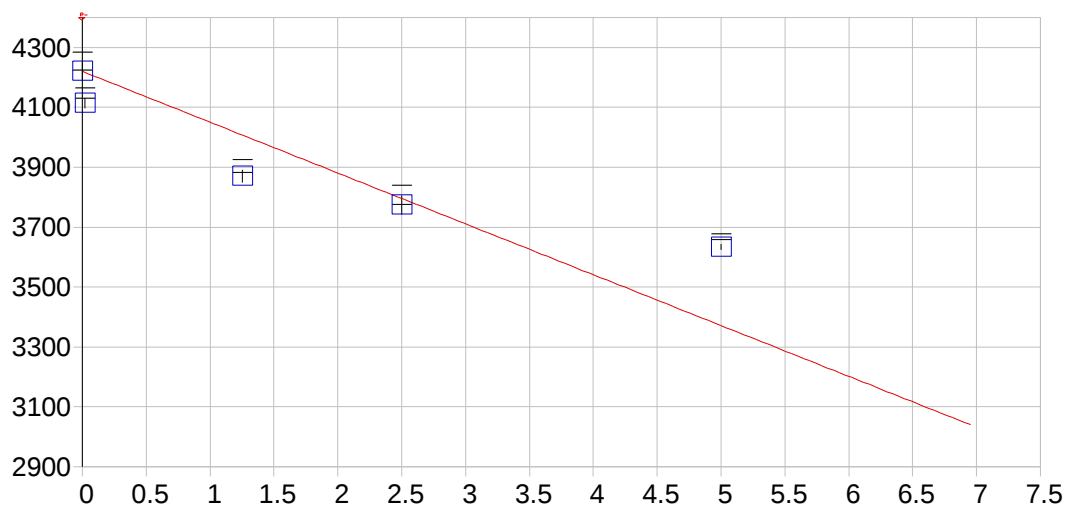
Status: OK.

Std Error of Est: 0.002653

Predicted MDL: 0.000179

Predicted MQL: 0.000596

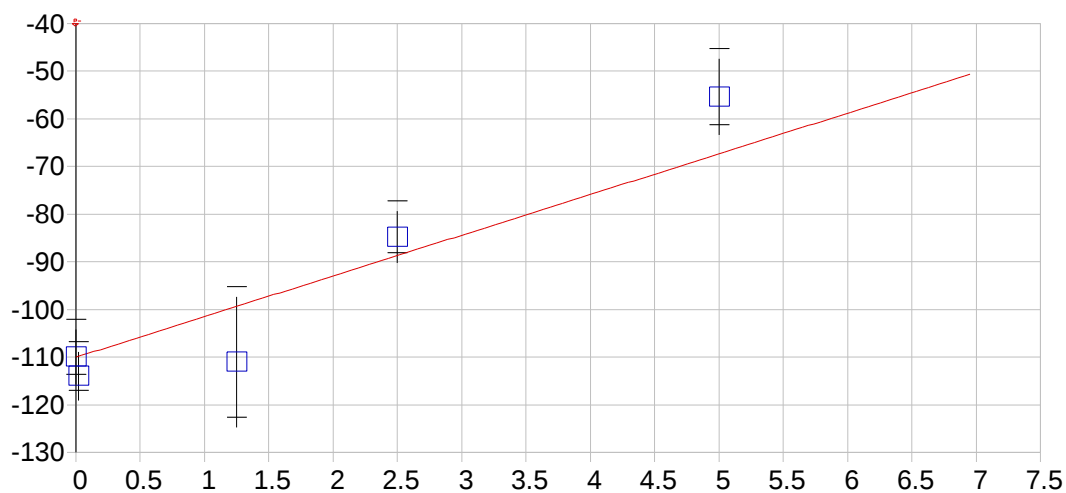
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00822	.003	1
S1	.02000	.02195	.002	9.75	.20266	.003	1
S3	2.5000	2.5602	.060	2.41	24.490	.073	1
S4	5.0000	5.0165	.017	.331	47.996	.344	1
S5	10.000	9.9213	-.079	-.787	94.932	.424	1



Date of Fit: 3/25/2019 13:31:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 4220.142144 Re-Slope: 1.000000
A1 (Gain): -169.725727 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.559709 Status: Warning Negative Gain
Std Error of Est: 4.294233
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00061	-.001	.000	4220.2	30.3	1
S1	.02000	.62328	.603	3020.	4114.4	16.8	1
S3	1.2500	2.0590	.809	64.7	3870.7	21.6	1
S4	2.5000	2.6324	.132	5.29	3773.4	32.3	1
S5	5.0000	3.4554	-1.54	-30.9	3633.7	10.0	1



U 385.958 { 87}

Date of Fit: 3/25/2019 13:31:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -110.035433 Re-Slope: 1.000000
 A1 (Gain): 8.538188 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.622451 Status: OK.
 Std Error of Est: 0.183460
 Predicted MDL: 1.374347
 Predicted MQL: 4.581156

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00050	.001	.000	-110.03	5.79	1
S1	.02000	-.46741	-.487	-2440.	-114.03	5.11	1
S3	1.2500	-.11872	-1.37	-109.	-111.05	13.7	1
S4	2.5000	2.9555	.455	18.2	-84.801	5.41	1
S5	5.0000	6.4007	1.40	28.0	-55.385	8.05	1

Sample Name: S0 Acquired: 3/25/2019 12:05:27 Type: Cal
Method: P4-ICP2(v2980) 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	.00018	-.00088	.00563	.00129	.00036	.00171	-.00603	-.00052
Stddev	.00008	.00011	.00007	.00019	.00019	.00016	.00014	.00005
%RSD	42.463	12.613	1.2256	15.007	53.022	9.1861	2.3014	9.9727

#1	.00021	-.00087	.00570	.00142	.00057	.00188	-.00589	-.00046
#2	.00009	-.00077	.00562	.00107	.00023	.00167	-.00605	-.00056
#3	.00024	-.00099	.00557	.00138	.00027	.00157	-.00616	-.00053

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	-.00078	-.00422	-.00074	-.00058	.00427	.00128	.00000	.00001
Stddev	.00009	.00022	.00007	.00025	.00005	.00002	.00009	.00004
%RSD	11.969	5.2121	9.5116	43.143	1.1244	1.9478	2249.2	327.23

#1	-.00089	-.00398	-.00077	-.00043	.00425	.00129	-.00009	-.00001
#2	-.00071	-.00440	-.00066	-.00044	.00423	.00125	.00009	.00006
#3	-.00075	-.00430	-.00078	-.00087	.00432	.00130	.00001	-.00001

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00948	.00024	.01910	-.00032	.00374	-.00259	.00078	.00004
Stddev	.00002	.00012	.00041	.00005	.00029	.00023	.00007	.00003
%RSD	.18096	49.873	2.1574	14.985	7.7917	8.6839	9.0103	93.132

#1	-.00948	.00038	.01906	-.00034	.00407	-.00274	.00070	.00007
#2	-.00946	.00015	.01870	-.00036	.00364	-.00271	.00083	.00004
#3	-.00949	.00019	.01953	-.00027	.00352	-.00233	.00081	.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	.00326	.01065	.00043	.00418	-.00179	-.0024	-.00822	4220.2
Stddev	.00003	.00153	.00012	.00046	.00245	.0001	.00253	30.3
%RSD	.79934	14.388	26.548	11.018	136.66	2.172	30.726	.71828

#1	.00323	.00908	.00056	.00440	.00078	-.0025	-.01068	4220.4
#2	.00328	.01072	.00040	.00449	-.00410	-.0024	-.00563	4189.9
#3	.00327	.01214	.00034	.00365	-.00205	-.0024	-.00836	4250.5

Sample Name: S0 Acquired: 3/25/2019 12:05:27 Type: Cal
 Method: P4-ICP2(v2980) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-110.03
Stddev	5.79
%RSD	5.2587

#1	-103.38
#2	-112.76
#3	-113.94

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3958.7	48038.	3163.4	39.331	4377.9
Stddev	9.6	176.	36.1	.279	2.5
%RSD	.24163	.36737	1.1413	.70919	.05635

#1	3947.7	47981.	3122.9	39.425	4380.5
#2	3964.5	47897.	3175.0	39.550	4375.6
#3	3964.0	48236.	3192.2	39.017	4377.6

Sample Name: S1 Acquired: 3/25/2019 12:09:51 Type: Cal
Method: P4-ICP2(v2980) 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	.00106	.00483	.00927	.00250	.00605	.00247	.02169	.00449
Stddev	.00006	.00008	.00012	.00018	.00014	.00011	.00045	.00005
%RSD	5.3573	1.6774	1.2968	7.0809	2.3446	4.5424	2.0566	1.1022

#1	.00100	.00490	.00939	.00269	.00594	.00241	.02122	.00448
#2	.00111	.00474	.00915	.00234	.00621	.00240	.02176	.00444
#3	.00108	.00485	.00928	.00246	.00601	.00260	.02210	.00454

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	.01759	.00111	.02639	.02004	.01087	.02300	.01069	.00208
Stddev	.00019	.00006	.00024	.00030	.00011	.00029	.00011	.00004
%RSD	1.0851	5.0780	.91436	1.5050	.97316	1.2610	1.0303	2.0665

#1	.01737	.00117	.02615	.01974	.01082	.02266	.01073	.00211
#2	.01774	.00109	.02664	.02035	.01099	.02316	.01056	.00210
#3	.01765	.00106	.02639	.02004	.01079	.02316	.01077	.00203

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	.00813	.07649	.11091	.00026	.00351	.18856	.00592	.01797
Stddev	.00009	.00049	.00027	.00004	.00014	.00083	.00012	.00078
%RSD	1.1257	.64707	.24753	15.382	4.1120	.43890	2.0788	4.3541

#1	.00807	.07616	.11111	.00029	.00368	.18898	.00582	.01774
#2	.00824	.07625	.11060	.00026	.00344	.18909	.00588	.01733
#3	.00809	.07706	.11103	.00021	.00342	.18761	.00605	.01884

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.02476	-.0009	.20266	4114.4	-114.03
Stddev	.00096	.0002	.00250	16.8	5.11
%RSD	3.8914	16.27	1.2359	.40771	4.4814

#1	.02370	-.0008	.20053	4098.3	-108.30
#2	.02499	-.0011	.20542	4112.9	-115.66
#3	.02558	-.0009	.20204	4131.8	-118.12

Sample Name: S1 Acquired: 3/25/2019 12:09:51 Type: Cal
Method: P4-ICP2(v2980) 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	3887.0	47295.	3141.1	40.100	4264.3
Stddev	11.8	195.	19.5	.272	8.3
%RSD	.30451	.41234	.62158	.67755	.19570
#1	3874.4	47502.	3123.6	40.075	4254.9
#2	3897.8	47115.	3137.7	40.383	4267.2
#3	3888.8	47267.	3162.2	39.842	4270.8

Sample Name: S2 Acquired: 3/25/2019 12:14:18 Type: Cal
 Method: P4-ICP2(v2980) 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	.09667	.00123	.05557	.00623
Stddev	.00134	.00003	.00017	.00048
%RSD	1.3850	2.1439	.30696	7.7107

#1	.09664	.00126	.05560	.00591
#2	.09802	.00121	.05538	.00678
#3	.09535	.00123	.05572	.00600

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	47719.	3149.0
Stddev	133.	15.3
%RSD	.27952	.48469

#1	47568.	3159.6
#2	47822.	3131.5
#3	47767.	3156.0

Sample Name: S3 Acquired: 3/25/2019 12:18:32 Type: Cal
Method: P4-ICP2(v2980) 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	.11219	.33698	.65827	.14336	.26814	.03093	1.3053	.09750
Stddev	.00043	.00087	.00197	.00040	.00063	.00008	.0050	.00006
%RSD	.38399	.25674	.29949	.27703	.23366	.25832	.38576	.06449

#1	.11267	.33636	.65675	.14326	.26784	.03092	1.3098	.09756
#2	.11204	.33660	.65755	.14380	.26886	.03086	1.2999	.09751
#3	.11185	.33797	.66050	.14302	.26773	.03102	1.3063	.09744

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.7357	.59678	.08912	1.1261	.45523	.22558	1.2625	.00719
Stddev	.0050	.00275	.00026	.0016	.00057	.00061	.0028	.00006
%RSD	.13503	.46142	.28995	.14299	.12603	.27019	.21859	.87403

#1	3.7316	.59991	.08921	1.1242	.45563	.22570	1.2626	.00721
#2	3.7341	.59567	.08884	1.1269	.45458	.22492	1.2596	.00712
#3	3.7413	.59475	.08933	1.1271	.45550	.22613	1.2651	.00724

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	.60667	.11975	.27834	.25525	2.2740	.05638	1.3186	.00491
Stddev	.00102	.00021	.00028	.00091	.0032	.00012	.0022	.00004
%RSD	.16863	.17196	.10199	.35604	.14221	.21261	.16885	.91468

#1	.60764	.11974	.27826	.25477	2.2709	.05650	1.3210	.00490
#2	.60678	.11954	.27811	.25468	2.2740	.05638	1.3165	.00486
#3	.60560	.11995	.27866	.25630	2.2773	.05626	1.3184	.00495

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	.07566	1.1794	.35757	.85166	4.8664	.1904	24.490	3870.7
Stddev	.00021	.0009	.00089	.00451	.0183	.0005	.073	21.6
%RSD	.28336	.07628	.25023	.52995	.37610	.2583	.29934	.55859

#1	.07544	1.1797	.35738	.85628	4.8869	.1899	24.566	3883.3
#2	.07586	1.1802	.35854	.84726	4.8607	.1908	24.486	3883.0
#3	.07568	1.1784	.35678	.85144	4.8516	.1906	24.419	3845.7

Sample Name: S3 Acquired: 3/25/2019 12:18:32 Type: Cal
 Method: P4-ICP2(v2980) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-111.05
Stddev	13.67
%RSD	12.313

#1	-126.42
#2	-100.25
#3	-106.47

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3816.2	46292.	3129.6	39.701	3997.7
Stddev	7.1	162.	3.5	1.038	1.9
%RSD	.18564	.34944	.11199	2.6138	.04739

#1	3810.4	46245.	3128.3	40.817	3998.1
#2	3814.1	46472.	3127.0	38.765	3995.6
#3	3824.1	46158.	3133.6	39.521	3999.4

Sample Name: S4 Acquired: 3/25/2019 12:22:33 Type: Cal
Method: P4-ICP2(v2980) 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	.22259	.66703	1.3010	.28169	.52974	.05898	2.5765	.19229
Stddev	.00020	.00105	.0018	.00082	.00138	.00012	.0050	.00059
%RSD	.08904	.15693	.13944	.29110	.26010	.20638	.19560	.30860

#1	.22239	.66601	1.2989	.28079	.53129	.05888	2.5738	.19163
#2	.22262	.66697	1.3020	.28188	.52863	.05912	2.5823	.19279
#3	.22278	.66810	1.3022	.28240	.52932	.05895	2.5733	.19244

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.4938	1.1764	.17446	2.2463	.87696	.43757	2.4501	.01420
Stddev	.0013	.0033	.00046	.0032	.00069	.00020	.0060	.00014
%RSD	.01777	.27832	.26500	.14038	.07858	.04645	.24685	1.0185

#1	7.4923	1.1735	.17499	2.2439	.87666	.43761	2.4540	.01404
#2	7.4943	1.1800	.17429	2.2452	.87647	.43775	2.4531	.01424
#3	7.4948	1.1757	.17411	2.2499	.87775	.43735	2.4431	.01432

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	1.2089	.23352	.54030	.50326	4.5500	.11485	2.5849	.00963
Stddev	.0014	.00045	.00128	.00087	.0026	.00022	.0019	.00015
%RSD	.11422	.19222	.23639	.17296	.05706	.18860	.07557	1.5775

#1	1.2076	.23313	.53883	.50265	4.5470	.11506	2.5832	.00946
#2	1.2104	.23401	.54093	.50288	4.5517	.11487	2.5846	.00976
#3	1.2088	.23342	.54114	.50426	4.5513	.11463	2.5870	.00966

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	.15162	2.2979	.71152	1.6673	9.5853	.3899	47.996	3773.4
Stddev	.00019	.0179	.00202	.0115	.0614	.0009	.344	32.3
%RSD	.12397	.77771	.28380	.68738	.64101	.2210	.71604	.85614

#1	.15164	2.2930	.70952	1.6589	9.5976	.3892	47.907	3768.3
#2	.15180	2.3177	.71148	1.6804	9.6396	.3897	48.376	3807.9
#3	.15142	2.2829	.71356	1.6627	9.5186	.3909	47.706	3743.9

Sample Name: S4 Acquired: 3/25/2019 12:22:33 Type: Cal
 Method: P4-ICP2(v2980) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-84.801
Stddev	5.407
%RSD	6.3765

#1	-80.291
#2	-90.796
#3	-83.317

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3773.2	46058.	3113.9	37.134	3858.2
Stddev	2.8	151.	18.4	.463	3.4
%RSD	.07347	.32695	.59031	1.2473	.08719

#1	3776.4	45888.	3103.4	36.847	3861.9
#2	3772.2	46111.	3103.2	36.885	3855.3
#3	3771.1	46174.	3135.1	37.668	3857.4

Sample Name: S5 Acquired: 3/25/2019 12:26:33 Type: Cal
Method: P4-ICP2(v2980) 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	.44703	1.3296	2.6250	.56131	1.0609	.11944	5.2521	.38482
Stddev	.00091	.0013	.0025	.00087	.0016	.00026	.0273	.00105
%RSD	.20272	.09945	.09501	.15413	.15065	.21814	.51900	.27405

#1	.44750	1.3290	2.6222	.56167	1.0604	.11936	5.2663	.38597
#2	.44598	1.3311	2.6261	.56194	1.0597	.11924	5.2207	.38461
#3	.44759	1.3287	2.6268	.56032	1.0627	.11974	5.2693	.38389

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	15.218	2.3343	.34683	4.5585	1.7178	.86077	4.8397	.02868
Stddev	.006	.0040	.00102	.0053	.0021	.00058	.0131	.00008
%RSD	.04019	.17289	.29282	.11512	.11977	.06785	.27031	.29012

#1	15.217	2.3297	.34650	4.5535	1.7199	.86042	4.8330	.02860
#2	15.213	2.3371	.34797	4.5640	1.7176	.86144	4.8547	.02876
#3	15.225	2.3362	.34601	4.5581	1.7158	.86044	4.8313	.02867

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	2.4554	.46700	1.1007	1.0038	9.2960	.24106	5.1351	.01951
Stddev	.0016	.00098	.0033	.0012	.0025	.00121	.0043	.00011
%RSD	.06441	.20988	.29591	.11762	.02722	.50353	.08345	.58739

#1	2.4558	.46772	1.1024	1.0045	9.2941	.24218	5.1379	.01939
#2	2.4567	.46739	1.0970	1.0044	9.2989	.23977	5.1302	.01962
#3	2.4536	.46588	1.1028	1.0024	9.2951	.24123	5.1373	.01952

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	.31403	4.5117	1.4429	3.3154	19.373	.8079	94.932	3633.7
Stddev	.00090	.0124	.0016	.0046	.106	.0006	.424	10.0
%RSD	.28706	.27530	.11027	.13996	.54743	.0754	.44672	.27584

#1	.31308	4.4974	1.4413	3.3106	19.345	.8086	94.921	3633.7
#2	.31487	4.5192	1.4430	3.3160	19.284	.8074	94.514	3643.7
#3	.31413	4.5185	1.4445	3.3198	19.490	.8078	95.362	3623.6

Sample Name: S5 Acquired: 3/25/2019 12:26:33 Type: Cal
 Method: P4-ICP2(v2980) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-55.385
Stddev	8.052
%RSD	14.539

#1	-46.691
#2	-62.587
#3	-56.877

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3671.3	44890.	3109.3	37.880	3637.0
Stddev	4.5	69.	11.1	.768	1.7
%RSD	.12245	.15391	.35567	2.0263	.04785

#1	3666.1	44950.	3121.0	37.780	3635.1
#2	3673.6	44906.	3107.8	38.693	3637.4
#3	3674.1	44815.	3099.1	37.168	3638.5

Sample Name: ICV01 Acquired: 3/25/2019 12:30:30 Type: Unk
Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0014	1.0365	1.0045	1.0046	.99483	2.5039	.50027
Stddev	.0014	.0035	.0010	.0021	.00416	.0228	.00561
%RSD	.13862	.34189	.10055	.20590	.41850	.91005	1.1213

#1	1.0018	1.0400	1.0053	1.0069	.99729	2.5302	.50612
#2	.99990	1.0365	1.0048	1.0032	.99717	2.4917	.49974
#3	1.0026	1.0329	1.0034	1.0035	.99002	2.4898	.49494

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49060	.48356	10.297	.50751	.50041	.51529	5.1341
Stddev	.00033	.00061	.033	.00094	.00106	.00280	.0052
%RSD	.06640	.12701	.31992	.18585	.21246	.54253	.10137

#1	.49028	.48383	10.311	.50721	.50143	.51624	5.1359
#2	.49093	.48286	10.320	.50676	.49931	.51750	5.1283
#3	.49057	.48400	10.259	.50857	.50049	.51215	5.1382

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51099	5.9668	.50080	.50734	9.8380	.49764	.97464
Stddev	.00047	.1201	.00133	.00023	.0427	.00093	.00239
%RSD	.09239	2.0133	.26548	.04619	.43429	.18609	.24520

#1	.51057	5.8696	.50226	.50711	9.8845	.49849	.97596
#2	.51091	5.9296	.49966	.50733	9.8292	.49665	.97188
#3	.51150	6.1011	.50047	.50758	9.8004	.49779	.97607

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7143	2.4995	2.4632	F -.01945	2.3834	2.4185	2.5105
Stddev	.1014	.0034	.0428	.00206	.0181	.0070	.0070
%RSD	1.0433	.13569	1.7391	10.581	.75758	.29047	.27935

#1	9.8309	2.5009	2.4983	-.02182	2.3637	2.4235	2.5070
#2	9.6480	2.5019	2.4154	-.01827	2.3991	2.4214	2.5186
#3	9.6639	2.4956	2.4758	-.01824	2.3874	2.4104	2.5060

Sample Name: ICV01 Acquired: 3/25/2019 12:30:30 Type: Unk
 Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.00569	F .0022	F .00605	F 1.5249	F 3.2373
Stddev	.00126	.0008	.00013	.0990	.6969
%RSD	22.070	37.58	2.1191	6.4902	21.527
#1	-.00676	.0013	.00595	1.6306	2.4561
#2	-.00599	.0029	.00619	1.4345	3.4609
#3	-.00431	.0023	.00601	1.5097	3.7950
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3879.7	47501.	3171.2	39.672	4148.0
Stddev	9.5	68.	19.9	1.278	6.1
%RSD	.24570	.14341	.62616	3.2212	.14691
#1	3874.1	47425.	3191.5	40.727	4141.6
#2	3874.3	47520.	3151.8	38.251	4153.7
#3	3890.7	47557.	3170.2	40.038	4148.9

Sample Name: LLICV01 Acquired: 3/25/2019 12:40:37 Type: Unk
Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02020	.04052	.01313	.02318	.05208	.08026	.10194
Stddev	.00056	.00126	.00038	.00092	.00166	.02035	.00112
%RSD	2.7662	3.1143	2.9140	3.9702	3.1955	25.356	1.1014

#1	.01956	.04002	.01296	.02388	.05376	.06929	.10167
#2	.02045	.04195	.01287	.02353	.05205	.10374	.10097
#3	.02060	.03958	.01357	.02214	.05043	.06775	.10317

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00621	.00584	2.0700	.01015	.02832	.02098	.10595
Stddev	.00001	.00003	.0156	.00039	.00014	.00008	.00133
%RSD	.17642	.53895	.75167	3.8227	.49994	.39229	1.2583

#1	.00621	.00582	2.0680	.01016	.02821	.02108	.10688
#2	.00619	.00582	2.0865	.00976	.02827	.02093	.10443
#3	.00621	.00588	2.0556	.01054	.02848	.02094	.10655

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02205	1.9899	.03921	.01033	1.6015	.04021	.03930
Stddev	.00018	.0105	.00058	.00047	.0111	.00060	.00005
%RSD	.81300	.52664	1.4909	4.5481	.69104	1.4932	.11685

#1	.02192	1.9780	.03987	.00982	1.5898	.03987	.03924
#2	.02197	1.9975	.03901	.01041	1.6030	.03986	.03932
#3	.02225	1.9943	.03876	.01075	1.6118	.04091	.03933

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8031	.20321	.10191	F -.01223	.38097	.03839	.04277
Stddev	.0301	.00108	.01816	.00111	.00144	.00101	.00068
%RSD	1.6669	.53240	17.821	9.0929	.37886	2.6411	1.6007

#1	1.8259	.20234	.12274	-.01290	.38114	.03904	.04257
#2	1.7690	.20287	.08941	-.01284	.38232	.03723	.04354
#3	1.8143	.20442	.09358	-.01094	.37945	.03892	.04222

Sample Name: LLICV01 Acquired: 3/25/2019 12:40:37 Type: Unk
Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00901	.0191	.02070	F 1.7310	F<.00000
Stddev	.00073	.0016	.00017	.1781	.94514
%RSD	8.0582	8.487	.82266	10.288	69.807
#1	.00837	.0172	.02063	1.8743	-.41377
#2	.00980	.0201	.02089	1.7870	-1.3440
#3	.00886	.0200	.02057	1.5317	-2.3040
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3877.2	47458.	3132.2	37.589	4258.9
Stddev	2.4	114.	10.3	.804	10.0
%RSD	.06088	.24054	.32853	2.1385	.23478
#1	3877.3	47439.	3128.9	37.775	4247.5
#2	3879.5	47581.	3124.1	38.283	4262.8
#3	3874.8	47355.	3143.8	36.708	4266.3

Sample Name: ICB01 Acquired: 3/25/2019 12:45:03 Type: Unk
Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.00039	.00110	.00053	.00178	-.01442	.00025
Stddev	.00286	.00093	.00088	.00109	.00107	.01126	.00102
%RSD	3189.7	240.92	80.009	204.11	59.987	78.028	414.79

#1	-.00132	.00014	.00205	-.00003	.00302	-.01130	.00126
#2	-.00213	.00016	.00033	.00179	.00123	-.00506	-.00078
#3	.00318	-.00146	.00090	-.00016	.00110	-.02691	.00026

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.00002	-.00311	-.00005	-.00026	.00007	.00138
Stddev	.00011	.00006	.03426	.00054	.00016	.00024	.00030
%RSD	121.75	377.71	1102.9	1204.1	63.057	328.25	21.680

#1	-.00011	-.00002	.02813	.00057	-.00014	.00029	.00164
#2	-.00019	-.00007	-.03975	-.00023	-.00020	-.00019	.00105
#3	.00003	.00004	.00229	-.00048	-.00045	.00012	.00145

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	.00842	-.00066	-.00079	-.50906	.00023	-.00059
Stddev	.00007	.07873	.00074	.00033	.01250	.00029	.00012
%RSD	55.507	935.32	111.03	41.744	2.4562	129.66	20.485

#1	.00011	-.08223	.00019	-.00053	-.51843	-.00011	-.00066
#2	.00020	.04773	-.00106	-.00116	-.51389	.00037	-.00045
#3	.00007	.05975	-.00112	-.00068	-.49486	.00041	-.00066

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.20268	-.00009	.00797	F -.03424	-.00210	-.00039	-.00059
Stddev	.02431	.00018	.02300	.00411	.00184	.00092	.00212
%RSD	11.993	195.63	288.65	12.007	87.664	238.26	361.99

#1	-.20916	-.00015	.02410	-.03499	-.00360	.00063	-.00187
#2	-.22308	.00011	-.01837	-.03793	-.00265	-.00062	-.00175
#3	-.17579	-.00024	.01817	-.02981	-.00005	-.00117	.00187

Sample Name: ICB01 Acquired: 3/25/2019 12:45:03 Type: Unk
 Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01269	- .0005	. 00008	F 1.3844	F .03700
Stddev	.00183	.0005	.00002	.0563	.22851
%RSD	14.416	113.4	22.308	4.0701	617.66
#1	- .01417	- .0003	. 00010	1.3934	- .04611
#2	- .01065	- .0001	. 00006	1.4357	. 29543
#3	- .01326	- .0010	. 00009	1.3241	- .13833
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3906.0	48065.	3152.3	40.328	4312.4
Stddev	10.8	81.	20.2	.928	8.1
%RSD	.27616	.16849	.64057	2.3005	.18824
#1	3907.9	48157.	3141.7	40.808	4313.6
#2	3915.6	48003.	3175.6	40.917	4319.9
#3	3894.3	48036.	3139.6	39.258	4303.8

Sample Name: CRI01 Acquired: 3/25/2019 12:49:31 Type: Unk
Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01926	.04034	.01314	.02052	.05239	.07725	.10453
Stddev	.00306	.00191	.00061	.00154	.00143	.00374	.00132
%RSD	15.890	4.7350	4.6680	7.5267	2.7358	4.8455	1.2665

#1	.01785	.03931	.01246	.01874	.05404	.08157	.10345
#2	.01716	.04254	.01332	.02134	.05162	.07518	.10414
#3	.02277	.03916	.01364	.02148	.05150	.07500	.10601

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00633	.00578	2.0732	.01031	.02931	.02064	.10673
Stddev	.00010	.00005	.0458	.00046	.00018	.00014	.00057
%RSD	1.5039	.81758	2.2112	4.4913	.60752	.69981	.53103

#1	.00623	.00574	2.0250	.00982	.02939	.02048	.10733
#2	.00634	.00583	2.1162	.01037	.02943	.02074	.10621
#3	.00642	.00577	2.0783	.01074	.02910	.02071	.10665

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02201	1.9518	.03948	.00951	1.5873	.04071	.03980
Stddev	.00015	.1311	.00043	.00028	.0169	.00010	.00002
%RSD	.69324	6.7172	1.0838	2.9072	1.0644	.25424	.05550

#1	.02185	1.8794	.03959	.00945	1.5678	.04077	.03982
#2	.02204	1.8729	.03901	.00927	1.5967	.04059	.03978
#3	.02215	2.1031	.03984	.00982	1.5974	.04077	.03979

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7957	.20527	.10297	F -.01621	.37693	.03758	.04035
Stddev	.0445	.00065	.00780	.00543	.00437	.00022	.00095
%RSD	2.4784	.31791	7.5701	33.490	1.1599	.57394	2.3603

#1	1.8376	.20590	.10372	-.02129	.38175	.03781	.04101
#2	1.8006	.20532	.09483	-.01049	.37584	.03738	.04079
#3	1.7489	.20460	.11036	-.01687	.37321	.03755	.03926

Sample Name: CRI01 Acquired: 3/25/2019 12:49:31 Type: Unk
Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00945	.0183	.02072	F 1.5646	F .76108
Stddev	.00248	.0008	.00007	.1229	.45465
%RSD	26.281	4.408	.34761	7.8548	59.738
#1	.00671	.0184	.02066	1.4402	.35962
#2	.01006	.0191	.02069	1.5676	1.2548
#3	.01157	.0175	.02080	1.6860	.66883
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3924.9	48108.	3197.0	39.625	4297.7
Stddev	3.7	81.	15.1	.288	5.7
%RSD	.09424	.16874	.47101	.72761	.13183
#1	3925.6	48033.	3184.5	39.650	4291.3
#2	3920.9	48194.	3192.9	39.325	4299.7
#3	3928.2	48097.	3213.7	39.900	4302.0

Sample Name: ICSA01 Acquired: 3/25/2019 12:53:57 Type: Unk
Method: P4-ICP2(v2980) 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	.01149	.00504	.00851	.00462	-.00255	272.09	.00523	-.00033
Stddev	.00297	.00050	.00105	.00142	.00183	1.08	.00032	.00033
%RSD	25.812	9.9391	12.360	30.685	71.775	.39800	6.1869	97.400
#1	.01106	.00447	.00934	.00320	-.00071	271.03	.00489	-.00065
#2	.00877	.00524	.00733	.00604	-.00257	273.20	.00554	-.00000
#3	.01465	.00541	.00887	.00462	-.00437	272.04	.00525	-.00034
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00348	252.15	.04782	-.00098	.01322	97.425	.01348	279.30
Stddev	.00007	1.15	.00045	.00021	.00045	.504	.00005	.78
%RSD	2.1354	.45485	.95023	21.189	3.4220	.51691	.34302	.28037
#1	-.00347	253.17	.04732	-.00116	.01374	96.851	.01343	278.46
#2	-.00342	252.37	.04820	-.00075	.01291	97.793	.01351	280.00
#3	-.00356	250.91	.04795	-.00103	.01302	97.631	.01350	279.45
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03007	-.00657	-.43868	.00108	-.01576	-.17624	.00009	F .12039
Stddev	.00084	.00014	.02483	.00050	.00031	.05949	.00026	.01349
%RSD	2.7904	2.0678	5.6604	46.425	1.9892	33.753	287.96	11.201
#1	-.02977	-.00646	-.45592	.00051	-.01548	-.24092	-.00020	.10700
#2	-.02942	-.00654	-.44991	.00147	-.01610	-.12387	.00016	.13397
#3	-.03102	-.00672	-.41022	.00126	-.01571	-.16393	.00032	.12020
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01974	-.01052	-.00014	.00203	.00083	F .0219	-.00370	4.7312
Stddev	.00292	.00572	.00073	.00246	.00181	.0012	.00064	.0975
%RSD	14.800	54.375	511.86	121.09	219.44	5.435	17.149	2.0604
#1	.02152	-.01711	.00013	.00473	.00040	.0229	-.00328	4.6712
#2	.01637	-.00696	.00041	.00145	.00281	.0221	-.00340	4.8437
#3	.02135	-.00747	-.00096	-.00008	-.00074	.0206	-.00443	4.6787

Sample Name: ICSA01 Acquired: 3/25/2019 12:53:57 Type: Unk
 Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	72.299
Stddev	1.795
%RSD	2.4830

#1	70.520
#2	72.266
#3	74.110

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3524.2	43054.	3089.8	34.076	3468.4
Stddev	2.2	108.	20.8	1.243	5.8
%RSD	.06219	.25009	.67472	3.6476	.16670

#1	3524.9	43107.	3071.9	35.262	3474.7
#2	3521.8	42931.	3084.8	34.184	3463.3
#3	3526.0	43126.	3112.7	32.783	3467.1

Sample Name: ICSAB01 Acquired: 3/25/2019 12:58:36 Type: Unk
Method: P4-ICP2(v2980) 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	.11859	.10922	.04508	.06619	.64285	259.20	.57237
Stddev	.00143	.00214	.00143	.00600	.00477	.66	.00274
%RSD	1.2052	1.9585	3.1721	9.0609	.74139	.25304	.47823

#1	.11793	.10781	.04487	.06495	.63939	258.57	.57014
#2	.12023	.10818	.04376	.06092	.64087	259.88	.57542
#3	.11761	.11169	.04660	.07272	.64828	259.15	.57155

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57306	1.0410	245.81	.58165	.52685	.53625	95.674
Stddev	.00096	.0031	.42	.00088	.00275	.00010	.678
%RSD	.16676	.30125	.16989	.15106	.52289	.01794	.70851

#1	.57199	1.0441	245.92	.58184	.52747	.53617	95.797
#2	.57335	1.0379	245.35	.58069	.52384	.53622	94.943
#3	.57384	1.0411	246.17	.58241	.52925	.53636	96.282

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54082	267.47	1.0113	.18959	-.36906	.53926	1.1140
Stddev	.00062	.81	.0045	.00022	.01139	.00084	.0046
%RSD	.11553	.30139	.44311	.11724	3.0852	.15635	.41225

#1	.54010	267.05	1.0112	.18933	-.36546	.54019	1.1179
#2	.54122	266.97	1.0068	.18972	-.35991	.53906	1.1089
#3	.54114	268.40	1.0158	.18972	-.38181	.53854	1.1150

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.23014	1.0581	1.1554	F .00921	.95217	1.0678	1.0457
Stddev	.03006	.0019	.0044	.00410	.00824	.0021	.0034
%RSD	13.062	.17618	.38174	44.496	.86497	.19520	.32467

#1	-.20250	1.0575	1.1530	.01113	.95755	1.0672	1.0455
#2	-.26214	1.0567	1.1528	.00451	.94269	1.0661	1.0424
#3	-.22578	1.0602	1.1605	.01200	.95627	1.0701	1.0492

Sample Name: ICSAB01 Acquired: 3/25/2019 12:58:36 Type: Unk
 Method: P4-ICP2(v2980) 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 -.00046	F .0252	F -.00482	4.6060	69.022
Stddev	.00162	.0025	.00122	.1197	3.327
%RSD	352.02	10.03	25.395	2.5996	4.8196
#1	-.00231	.0281	-.00509	4.5002	70.208
#2	.00028	.0240	-.00348	4.7360	65.265
#3	.00066	.0235	-.00589	4.5819	71.594
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3527.6	43134.	3062.6	35.634	3475.3
Stddev	4.1	64.	16.8	1.728	17.0
%RSD	.11662	.14852	.54794	4.8500	.48970
#1	3522.9	43066.	3048.4	34.872	3460.7
#2	3530.8	43193.	3081.1	37.612	3494.0
#3	3528.9	43144.	3058.4	34.417	3471.1

Sample Name: CCV01 Acquired: 3/25/2019 13:03:02 Type: Unk
Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0070	5.0230	5.0025	5.0114	5.0163	9.4043	9.7846	.25209
Stddev	.0081	.0134	.0094	.0162	.0070	.0745	.0314	.00058
%RSD	.16225	.26687	.18839	.32395	.13925	.79258	.32133	.23104
#1	5.0102	5.0076	4.9966	5.0061	5.0241	9.3493	9.8058	.25252
#2	5.0130	5.0293	4.9976	4.9984	5.0107	9.3744	9.7485	.25143
#3	4.9977	5.0321	5.0134	5.0296	5.0139	9.4891	9.7996	.25231
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4852	24.951	.99583	2.5024	1.2573	5.0029	2.4639	23.952
Stddev	.0047	.074	.00203	.0051	.0007	.0120	.0049	.204
%RSD	.18871	.29504	.20409	.20481	.05851	.24040	.19766	.85243
#1	2.4802	24.907	.99693	2.4966	1.2573	5.0083	2.4658	23.720
#2	2.4896	25.036	.99348	2.5045	1.2566	4.9891	2.4584	24.102
#3	2.4858	24.910	.99707	2.5062	1.2580	5.0112	2.4676	24.035
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4737	1.2453	24.468	2.4841	2.4950	24.194	5.0258	4.7288
Stddev	.0042	.0020	.074	.0042	.0050	.233	.0051	.0584
%RSD	.17141	.15860	.30317	.17081	.20150	.96354	.10094	1.2359
#1	2.4688	1.2475	24.509	2.4874	2.4895	24.351	5.0283	4.6633
#2	2.4754	1.2441	24.382	2.4793	2.4963	23.927	5.0292	4.7478
#3	2.4768	1.2442	24.511	2.4856	2.4993	24.305	5.0200	4.7755
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9536	5.0509	4.9854	4.9448	4.9520	4.952	4.9588	F 3.3879
Stddev	.0136	.0057	.0167	.0205	.0347	.004	.0203	.0943
%RSD	.27417	.11287	.33455	.41368	.70027	.0876	.40949	2.7826
#1	4.9567	5.0575	4.9662	4.9306	4.9912	4.954	4.9816	3.3012
#2	4.9388	5.0479	4.9962	4.9683	4.9397	4.947	4.9522	3.3741
#3	4.9654	5.0473	4.9937	4.9356	4.9252	4.955	4.9426	3.4882

Sample Name: CCV01 Acquired: 3/25/2019 13:03:02 Type: Unk
 Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.0507
Stddev	1.3156
%RSD	43.124

#1	3.5644
#2	4.0320
#3	1.5558

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3770.4	46527.	3090.0	36.976	3852.3
Stddev	2.0	84.	14.6	.987	6.3
%RSD	.05356	.18072	.47225	2.6679	.16422

#1	3769.7	46449.	3079.1	37.771	3858.8
#2	3768.8	46616.	3084.4	37.285	3852.0
#3	3772.7	46516.	3106.6	35.872	3846.2

Sample Name: LLCCV01 Acquired: 3/25/2019 13:07:01 Type: Unk
Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01853	.04069	.01333	.02003	.04979	.10322	.10101
Stddev	.00137	.00021	.00054	.00231	.00106	.01763	.00053
%RSD	7.3893	.52538	4.0833	11.526	2.1301	17.076	.52442

#1	.01730	.04055	.01292	.01842	.04940	.12257	.10046
#2	.02001	.04058	.01395	.02267	.04899	.09903	.10152
#3	.01829	.04093	.01311	.01899	.05100	.08807	.10104

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00628	.00589	2.0466	.00989	.02884	.02107	.10543
Stddev	.00017	.00002	.0156	.00022	.00002	.00029	.00088
%RSD	2.7489	.32438	.76437	2.2070	.07131	1.3711	.83066

#1	.00610	.00591	2.0640	.01013	.02882	.02102	.10602
#2	.00630	.00587	2.0336	.00982	.02884	.02139	.10585
#3	.00644	.00590	2.0423	.00971	.02886	.02082	.10443

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02145	1.8946	.03902	.00972	1.6245	.03951	.03774
Stddev	.00013	.0876	.00038	.00035	.0142	.00047	.00017
%RSD	.58877	4.6252	.97474	3.6025	.87357	1.1815	.44905

#1	.02145	1.9787	.03942	.00955	1.6103	.03972	.03754
#2	.02133	1.9014	.03898	.01012	1.6244	.03984	.03780
#3	.02158	1.8038	.03866	.00948	1.6387	.03898	.03786

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7701	.20271	.08338	F -.02033	.38387	.03710	.03922
Stddev	.0578	.00039	.00585	.00535	.00492	.00045	.00173
%RSD	3.2639	.19194	7.0125	26.337	1.2814	1.2053	4.4129

#1	1.7134	.20252	.08785	-.02467	.38775	.03733	.03891
#2	1.8289	.20246	.07676	-.02197	.37834	.03739	.04109
#3	1.7679	.20316	.08552	-.01435	.38551	.03659	.03767

Sample Name: LLCCV01 Acquired: 3/25/2019 13:07:01 Type: Unk
 Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00788	.0166	.02057	F 1.8154	F .45523
Stddev	.00027	.0012	.00029	.2751	.87128
%RSD	3.3789	7.355	1.4181	15.156	191.39

#1	.00776	.0152	.02090	1.9672	.50483
#2	.00769	.0174	.02033	1.9812	1.3007
#3	.00819	.0173	.02049	1.4978	-.43978

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3908.1	48132.	3097.5	38.178	4286.1
Stddev	6.1	113.	31.9	.888	5.6
%RSD	.15613	.23551	1.0285	2.3257	.13020

#1	3908.0	48034.	3065.1	37.275	4285.5
#2	3902.1	48105.	3128.8	38.208	4280.9
#3	3914.3	48256.	3098.6	39.050	4292.0

Sample Name: CCB01 Acquired: 3/25/2019 13:11:29 Type: Unk
Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00331	-.00035	.00062	-.00160	-.00140	.00728	.00132
Stddev	.00129	.00040	.00071	.00101	.00021	.02608	.00053
%RSD	38.875	114.52	113.38	62.871	14.965	358.03	40.640

#1	-.00480	-.00013	-.00005	-.00276	-.00118	.02582	.00073
#2	-.00251	-.00011	.00056	-.00113	-.00144	.01856	.00145
#3	-.00263	-.00081	.00136	-.00092	-.00159	-.02253	.00177

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00003	.02042	.00003	-.00005	-.00075	.00101
Stddev	.00008	.00008	.00595	.00024	.00009	.00019	.00053
%RSD	2071.0	298.71	29.148	713.62	199.71	25.044	52.313

#1	-.00008	-.00012	.02666	.00031	-.00012	-.00070	.00060
#2	.00008	-.00002	.01481	-.00009	-.00009	-.00059	.00160
#3	.00001	.00005	.01977	-.00012	.00006	-.00095	.00082

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.06136	-.00067	-.00095	-.66125	.00007	-.00060
Stddev	.00003	.03649	.00019	.00017	.01483	.00010	.00011
%RSD	66.849	59.473	28.741	18.231	2.2427	140.31	17.901

#1	.00004	.10325	-.00085	-.00079	-.67448	.00010	-.00048
#2	.00002	.03644	-.00070	-.00092	-.66405	.00017	-.00068
#3	.00008	.04440	-.00047	-.00113	-.64522	-.00004	-.00065

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.11866	.00003	.00752	F -.03718	.00136	-.00109	.00059
Stddev	.03487	.00015	.02172	.00534	.00024	.00035	.00092
%RSD	29.385	446.09	288.72	14.354	17.551	31.681	155.43

#1	-.14449	-.00012	.01098	-.03117	.00145	-.00123	.00136
#2	-.13250	.00005	-.01572	-.04138	.00154	-.00070	-.00042
#3	-.07900	.00018	.02731	-.03898	.00109	-.00135	.00083

Sample Name: CCB01 Acquired: 3/25/2019 13:11:29 Type: Unk
 Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01230	-.0018	.00009	F 1.6665	F .35544
Stddev	.00349	.0003	.00012	.0771	.84906
%RSD	28.404	16.37	140.86	4.6246	238.88
#1	-.01621	-.0016	.00002	1.7468	-.62470
#2	-.01117	-.0021	.00023	1.5932	.82573
#3	-.00950	-.0016	.00001	1.6594	.86530
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3921.7	48427.	3101.9	38.036	4307.4
Stddev	6.8	81.	32.6	1.844	2.7
%RSD	.17358	.16789	1.0500	4.8486	.06372
#1	3914.8	48337.	3064.9	36.575	4304.6
#2	3928.4	48448.	3126.2	40.108	4310.1
#3	3921.9	48495.	3114.6	37.425	4307.5

Sample Name: LR CHECK 1 Acquired: 3/25/2019 13:15:26 Type: Unk
Method: P4-ICP2(v2980) 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	.05270	.04373	-.05335	.51356	-.01365	1812.6	-.00386	.01981
Stddev	.00573	.00461	.00398	.00957	.00049	7.9	.00196	.00060
%RSD	10.882	10.545	7.4671	1.8633	3.5863	.43826	50.840	3.0217

#1	.05722	.04615	-.05231	.50268	-.01331	1821.5	-.00610	.02048
#2	.05463	.04662	-.05775	.52064	-.01421	1806.1	-.00240	.01934
#3	.04625	.03841	-.04999	.51737	-.01344	1810.4	-.00310	.01960

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02232	1779.8	-.09663	.03951	-.03324	940.21	-.00555	1633.0
Stddev	.00045	7.8	.00097	.00097	.00050	1.58	.00014	17.8
%RSD	1.9982	.43933	.99879	2.4652	1.4977	.16850	2.5639	1.0882

#1	-.02282	1778.6	-.09774	.03899	-.03268	940.45	-.00539	1651.9
#2	-.02195	1788.1	-.09603	.03891	-.03341	938.52	-.00567	1630.5
#3	-.02220	1772.6	-.09611	.04064	-.03363	941.66	-.00560	1616.6

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.14730	-.11649	1746.1	.00284	-.05890	1032.2	-.00679	.84359
Stddev	.00130	.00096	16.7	.00002	.00083	12.9	.00163	.02939
%RSD	.88265	.82740	.95414	.83106	1.4092	1.2532	23.945	3.4834

#1	-.14855	-.11684	1763.5	.00283	-.05981	1046.8	-.00662	.86853
#2	-.14596	-.11540	1744.4	.00283	-.05819	1027.9	-.00850	.81120
#3	-.14738	-.11724	1730.3	.00287	-.05871	1022.0	-.00526	.85103

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43005	-.03248	.00493	-.04054	.08951	.1814	-1.0221	4.8247
Stddev	.00724	.00091	.00299	.00098	.00203	.0017	.0017	.1315
%RSD	1.6831	2.8010	60.680	2.4250	2.2709	.9532	.16931	2.7245

#1	.43720	-.03143	.00755	-.04122	.08737	.1825	-1.0221	4.7032
#2	.43021	-.03301	.00556	-.03941	.08974	.1822	-1.0203	4.9642
#3	.42273	-.03299	.00167	-.04098	.09141	.1794	-1.0237	4.8067

Sample Name: LR CHECK 1 Acquired: 3/25/2019 13:15:26 Type: Unk
Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 676.51
Stddev 5.69
%RSD .84136

#1 680.39
#2 669.98
#3 679.16

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2769.6	33983.	2598.3	28.681	2407.9
Stddev	9.9	3.	22.9	1.630	1.9
%RSD	.35697	.00852	.88160	5.6845	.07860

#1	2761.6	33986.	2624.5	30.508	2405.8
#2	2780.6	33980.	2582.1	28.158	2409.5
#3	2766.5	33983.	2588.3	27.376	2408.3

Sample Name: LR CHECK 2 Acquired: 3/25/2019 13:20:21 Type: Unk
Method: P4-ICP2(v2980) 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	.00817	-.01410	238.97	.06714	-.07545	-.32257	93.217	-.00160
Stddev	.00363	.00198	1.19	.00648	.00296	.00860	.793	.00013
%RSD	44.431	14.033	.49965	9.6580	3.9207	2.6665	.85112	8.3136

#1	.00780	-.01299	238.14	.06193	-.07395	-.31265	93.436	-.00149
#2	.01197	-.01639	238.42	.06509	-.07354	-.32789	92.337	-.00157
#3	.00474	-.01293	240.34	.07440	-.07885	-.32718	93.877	-.00175

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01258	.23730	-.13076	-.01770	248.53	-.66281	42.009	2.1622
Stddev	.00008	.01584	.00050	.00047	1.05	.00147	.133	.0068
%RSD	.60907	6.6767	.38615	2.6638	.42209	.22199	.31752	.31628

#1	-.01250	.24909	-.13043	-.01733	249.03	-.66172	42.078	2.1616
#2	-.01263	.24353	-.13051	-.01823	249.24	-.66449	42.094	2.1556
#3	-.01262	.21929	-.13135	-.01755	247.33	-.66223	41.855	2.1692

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.432	.00119	.71944	-.16244	35.563	1.4716	-.00384	.01474
Stddev	.082	.00073	.11557	.00157	.046	.0560	.00051	.00500
%RSD	.16535	61.119	16.064	.96933	.12917	3.8033	13.316	33.957

#1	49.338	.00037	.83260	-.16411	35.540	1.5361	-.00424	.01219
#2	49.472	.00175	.72413	-.16221	35.532	1.4427	-.00326	.01152
#3	49.486	.00145	.60160	-.16099	35.615	1.4359	-.00401	.02050

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08654	.01485	-.00212	.02313	-.01322	.1625	.00258	3.8525
Stddev	.00608	.00167	.00083	.00135	.00260	.0070	.00007	.2224
%RSD	7.0285	11.251	38.975	5.8472	19.694	4.315	2.7627	5.7728

#1	.08048	.01383	-.00256	.02167	-.01311	.1572	.00253	3.5969
#2	.08649	.01678	-.00263	.02434	-.01068	.1704	.00266	4.0018
#3	.09264	.01394	-.00117	.02338	-.01588	.1598	.00254	3.9588

Sample Name: LR CHECK 2 Acquired: 3/25/2019 13:20:21 Type: Unk
Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.4322
Stddev	.7631
%RSD	53.284

#1	.94635
#2	2.3118
#3	1.0384

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2685.9	48429.	2795.0	30.517	3930.3
Stddev	6.7	65.	2.0	.633	7.5
%RSD	.25114	.13478	.07089	2.0759	.19198

#1	2690.4	48405.	2797.2	31.142	3938.7
#2	2678.2	48379.	2794.3	29.875	3924.2
#3	2689.2	48503.	2793.4	30.533	3928.1

Sample Name: K1984-04 Acquired: 3/25/2019 13:34:20 Type: Unk
Method: P4-ICP2(v2980) 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	.02448	-.00097	.04225	.05373	-.00463	71.279	.10522	.00402
Stddev	.00333	.00132	.00090	.00218	.00144	.117	.00018	.00008
%RSD	13.612	135.40	2.1385	4.0485	31.200	.16420	.17252	2.0043
#1	.02803	-.00113	.04211	.05125	-.00374	71.325	.10502	.00399
#2	.02143	-.00220	.04322	.05461	-.00629	71.365	.10537	.00411
#3	.02397	.00042	.04143	.05533	-.00385	71.145	.10528	.00396
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00443	40.201	.11178	.03843	.07801	96.383	.66349	33.688
Stddev	.00016	.025	.00107	.00038	.00008	.408	.00411	.093
%RSD	3.5076	.06174	.95678	.98234	.10627	.42290	.61935	.27477
#1	-.00437	40.219	.11267	.03823	.07806	96.838	.66821	33.584
#2	-.00431	40.173	.11208	.03820	.07806	96.260	.66156	33.759
#3	-.00461	40.211	.11060	.03887	.07792	96.051	.66070	33.723
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16850	-.00984	4.4799	.15233	.21629	6.2923	.09667	.24211
Stddev	.00039	.00073	.0292	.00103	.00023	.0590	.00042	.03131
%RSD	.22932	7.4131	.65183	.67578	.10549	.93708	.43914	12.932
#1	.16829	-.01029	4.4463	.15352	.21635	6.2297	.09682	.22279
#2	.16825	-.01024	4.4995	.15179	.21649	6.3003	.09700	.27823
#3	.16894	-.00900	4.4939	.15168	.21604	6.3468	.09619	.22530
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 149.78	5.0161	-.05580	.74583	.38772	3.885	.36786	1.2337
Stddev	.37	.0487	.00025	.00397	.00213	.005	.00057	.2454
%RSD	.24524	.97077	.45383	.53295	.55054	.1334	.15525	19.892
#1	149.78	5.0596	-.05564	.74558	.38557	3.883	.36755	.97618
#2	149.41	5.0251	-.05567	.74992	.38775	3.890	.36852	1.2602
#3	150.15	4.9635	-.05609	.74199	.38984	3.880	.36750	1.4649

Sample Name: K1984-04 Acquired: 3/25/2019 13:34:20 Type: Unk
 Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	82.541
Stddev	1.967
%RSD	2.3833

#1	80.532
#2	82.626
#3	84.464

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3915.7	48812.	2983.4	32.456	4015.0
Stddev	16.2	263.	15.1	1.702	5.8
%RSD	.41373	.53781	.50614	5.2439	.14535

#1	3916.8	48522.	2967.2	30.719	4011.8
#2	3899.0	48878.	2986.1	32.529	4011.5
#3	3931.4	49035.	2997.0	34.120	4021.7

Sample Name: K1984-05 Acquired: 3/25/2019 13:38:41 Type: Unk
Method: P4-ICP2(v2980) 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	.38837	-.00465	2.9065	.13151	-.00507	68.792	1.4074	.00970
Stddev	.00341	.00104	.0019	.00323	.00398	.517	.0155	.00033
%RSD	.87694	22.318	.06503	2.4594	78.440	.75144	1.0977	3.3724
#1	.39225	-.00523	2.9086	.12786	-.00898	68.364	1.3983	.00983
#2	.38699	-.00528	2.9059	.13404	-.00103	69.366	1.4253	.00995
#3	.38587	-.00346	2.9050	.13262	-.00521	68.645	1.3987	.00933
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00200	718.97	.17951	.08754	1.0305	293.96	4.6775	54.245
Stddev	.00037	1.49	.00347	.00015	.0009	3.27	.0412	.575
%RSD	18.593	.20690	1.9318	.17690	.08669	1.1111	.88103	1.0608
#1	-.00189	717.48	.17824	.08739	1.0302	292.62	4.6653	53.841
#2	-.00242	718.99	.18343	.08770	1.0315	297.68	4.7234	54.904
#3	-.00170	720.45	.17685	.08752	1.0297	291.57	4.6437	53.990
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17082	-.04869	10.790	.27149	3.3580	12.190	.01651	.33565
Stddev	.00123	.00142	.132	.00447	.0038	.019	.00037	.02119
%RSD	.72003	2.9162	1.2258	1.6452	.11241	.15541	2.2115	6.3123
#1	.16947	-.04745	10.714	.26705	3.3590	12.179	.01631	.35737
#2	.17186	-.05024	10.943	.27598	3.3539	12.212	.01694	.31504
#3	.17114	-.04838	10.714	.27144	3.3612	12.179	.01629	.33455
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 133.21	4.2109	.78219	2.5552	.15105	F 126.6	1.1534	2.3862
Stddev	.33	.0209	.00136	.0186	.00100	.1	.0061	.2851
%RSD	.24542	.49704	.17359	.72745	.66029	.0783	.53008	11.948
#1	133.02	4.1872	.78063	2.5390	.15001	126.7	1.1542	2.2572
#2	133.02	4.2187	.78301	2.5510	.15114	126.5	1.1469	2.7130
#3	133.59	4.2268	.78295	2.5755	.15200	126.6	1.1590	2.1883

Sample Name: K1984-05 Acquired: 3/25/2019 13:38:41 Type: Unk
 Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 291.37
Stddev	1.29
%RSD	.44120

#1	289.89
#2	292.24
#3	291.98

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3630.2	44858.	2850.7	28.648	3367.3
Stddev	9.2	413.	2.5	.583	5.1
%RSD	.25281	.92108	.08929	2.0333	.15079

#1	3620.8	44993.	2847.9	27.977	3361.4
#2	3630.7	44394.	2851.4	28.938	3370.7
#3	3639.1	45186.	2852.9	29.029	3369.8

Sample Name: K1984-06 Acquired: 3/25/2019 13:42:55 Type: Unk
Method: P4-ICP2(v2980) 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	.01054	.00329	.05995	.08714	-.00718	107.02	.16971	.00523
Stddev	.00056	.00050	.00217	.00283	.00116	.40	.00079	.00017
%RSD	5.3339	15.290	3.6271	3.2419	16.106	.37478	.46782	3.2979
#1	.01033	.00289	.06041	.08828	-.00851	106.67	.17063	.00504
#2	.01012	.00386	.05758	.08392	-.00651	107.46	.16933	.00537
#3	.01118	.00313	.06185	.08922	-.00651	106.92	.16919	.00528
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00819	12.008	.22093	.06179	.12306	173.26	1.4145	36.940
Stddev	.00006	.038	.00178	.00042	.00032	.60	.0022	.105
%RSD	.78302	.31938	.80499	.67878	.26369	.34836	.15363	.28306
#1	-.00813	12.010	.22118	.06149	.12328	172.60	1.4166	36.912
#2	-.00826	12.045	.22257	.06160	.12269	173.79	1.4123	37.056
#3	-.00817	11.968	.21904	.06227	.12321	173.37	1.4145	36.852
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33351	-.01621	.95810	.14556	.48316	8.0052	.04148	.20699
Stddev	.00164	.00022	.01022	.00072	.00105	.0369	.00017	.01729
%RSD	.49108	1.3397	1.0664	.49566	.21803	.46045	.40734	8.3546
#1	.33174	-.01603	.94631	.14553	.48400	7.9687	.04156	.19186
#2	.33381	-.01645	.96435	.14630	.48198	8.0043	.04129	.22584
#3	.33497	-.01615	.96364	.14486	.48350	8.0424	.04160	.20327
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 69.312	6.4096	-.02524	1.0104	.74342	1.904	-.06775	2.4521
Stddev	.124	.0101	.00093	.0012	.00264	.003	.00032	.0484
%RSD	.17949	.15758	3.7039	.11778	.35548	.1320	.47926	1.9734
#1	69.171	6.4167	-.02417	1.0117	.74157	1.906	-.06760	2.4518
#2	69.407	6.4139	-.02567	1.0098	.74225	1.901	-.06812	2.5006
#3	69.359	6.3980	-.02589	1.0095	.74645	1.904	-.06753	2.4039

Sample Name: K1984-06 Acquired: 3/25/2019 13:42:55 Type: Unk
 Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 146.36
 Stddev .78
 %RSD .53389

#1 145.46
 #2 146.76
 #3 146.86

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3868.9	47534.	2826.2	30.789	3926.8
Stddev	7.7	175.	13.0	.434	11.1
%RSD	.20011	.36879	.46156	1.4094	.28284

#1	3875.8	47516.	2814.7	30.290	3936.6
#2	3870.5	47368.	2823.5	31.077	3929.1
#3	3860.5	47717.	2840.4	31.001	3914.7

Sample Name: K1984-06DUP Acquired: 3/25/2019 13:47:22 Type: Unk
Method: P4-ICP2(v2980) 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	.01003	.00417	.05578	.08516	-.00649	106.71	.17199	.00530
Stddev	.00091	.00109	.00238	.00311	.00162	.42	.00196	.00026
%RSD	9.1009	26.049	4.2602	3.6512	24.937	.39319	1.1371	4.8599
#1	.00952	.00333	.05371	.08875	-.00521	106.94	.17156	.00548
#2	.00949	.00377	.05838	.08338	-.00596	106.96	.17412	.00543
#3	.01109	.00539	.05527	.08335	-.00831	106.22	.17028	.00501
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00842	12.046	.22086	.06208	.12292	174.86	1.4142	37.168
Stddev	.00010	.077	.00110	.00014	.00087	.75	.0046	.209
%RSD	1.1977	.63882	.49776	.22431	.71125	.42870	.32641	.56237
#1	-.00851	11.957	.22183	.06194	.12237	174.09	1.4177	37.376
#2	-.00845	12.087	.22108	.06221	.12245	175.59	1.4089	37.170
#3	-.00831	12.093	.21966	.06208	.12392	174.88	1.4158	36.958
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33416	-.01586	.93090	.14681	.48380	7.9349	.04227	.20506
Stddev	.00171	.00039	.00981	.00014	.00119	.0657	.00045	.01357
%RSD	.51186	2.4341	1.0534	.09814	.24504	.82810	1.0654	6.6165
#1	.33282	-.01605	.93971	.14666	.48463	7.9494	.04179	.22068
#2	.33357	-.01542	.93267	.14683	.48431	7.9922	.04233	.19619
#3	.33609	-.01612	.92034	.14695	.48244	7.8632	.04268	.19832
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 69.588	6.6116	-.02400	1.0198	.74458	1.910	-.06965	2.9805
Stddev	.129	.0580	.00066	.0040	.00385	.006	.00070	.0095
%RSD	.18562	.87686	2.7618	.39167	.51692	.3232	1.0096	.31709
#1	69.522	6.5716	-.02433	1.0158	.74261	1.908	-.06888	2.9886
#2	69.736	6.5852	-.02443	1.0238	.74211	1.905	-.07025	2.9701
#3	69.504	6.6781	-.02323	1.0198	.74901	1.917	-.06984	2.9827

Sample Name: K1984-06DUP Acquired: 3/25/2019 13:47:22 Type: Unk
Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 147.37
Stddev	.86
%RSD	.58563

#1	147.67
#2	146.39
#3	148.04

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3849.7	47312.	2815.5	30.388	3914.8
Stddev	5.0	43.	24.8	.302	10.4
%RSD	.12872	.09139	.88213	.99295	.26458

#1	3855.4	47312.	2842.0	30.726	3921.0
#2	3847.5	47269.	2811.8	30.146	3902.9
#3	3846.2	47356.	2792.7	30.293	3920.6

Sample Name: K1984-06LX5 Acquired: 3/25/2019 13:51:49 Type: Unk
Method: P4-ICP2(v2980) 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	.00202	.00091	.01482	.01865	-.00199	21.911	.03752	.00083
Stddev	.00159	.00049	.00122	.00152	.00192	.172	.00030	.00009
%RSD	78.808	53.889	8.2606	8.1469	96.243	.78439	.79008	10.802
#1	.00220	.00094	.01533	.01908	-.00095	22.020	.03786	.00092
#2	.00351	.00139	.01571	.01991	-.00082	21.713	.03729	.00075
#3	.00034	.00041	.01342	.01696	-.00420	22.001	.03742	.00081
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00233	2.5765	.04610	.01274	.02641	40.264	.29823	7.5577
Stddev	.00008	.0233	.00015	.00014	.00052	.044	.00080	.0638
%RSD	3.5443	.90492	.32236	1.1150	1.9705	.10947	.26706	.84455
#1	-.00236	2.5624	.04592	.01260	.02647	40.298	.29871	7.6224
#2	-.00239	2.5636	.04617	.01288	.02586	40.280	.29867	7.5559
#3	-.00224	2.6034	.04619	.01273	.02690	40.214	.29731	7.4948
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06809	-.00384	-.26155	.03029	.09699	1.4912	.00887	.05022
Stddev	.00068	.00028	.01619	.00047	.00040	.1084	.00024	.01013
%RSD	.99250	7.4164	6.1911	1.5466	.41740	7.2695	2.6872	20.171
#1	.06804	-.00417	-.27833	.03042	.09743	1.4151	.00912	.04801
#2	.06744	-.00366	-.26031	.03069	.09664	1.6153	.00883	.04137
#3	.06879	-.00369	-.24602	.02977	.09691	1.4432	.00865	.06126
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 14.356	.95649	-.00815	.20190	.14420	.3905	-.01833	2.9790
Stddev	.022	.01354	.00058	.00091	.00074	.0018	.00010	.2039
%RSD	.15150	1.4159	7.0733	.45197	.51057	.4728	.56044	6.8433
#1	14.360	.95421	-.00802	.20270	.14348	.3907	-.01828	2.7439
#2	14.333	.97104	-.00765	.20209	.14416	.3886	-.01827	3.0865
#3	14.376	.94424	-.00878	.20090	.14495	.3922	-.01845	3.1067

Sample Name: K1984-06LX5 Acquired: 3/25/2019 13:51:49 Type: Unk
Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	27.367
Stddev	.435
%RSD	1.5901

#1	27.627
#2	26.865
#3	27.610

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3873.2	47682.	2750.7	31.681	4132.6
Stddev	14.6	26.	19.1	1.137	6.6
%RSD	.37693	.05481	.69608	3.5884	.15981

#1	3859.3	47708.	2757.1	30.450	4125.9
#2	3888.4	47656.	2729.1	32.692	4139.1
#3	3872.0	47683.	2765.8	31.900	4132.8

Sample Name: K1984-06MS Acquired: 3/25/2019 13:56:09 Type: Unk
Method: P4-ICP2(v2980) 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	.82149	2.1216	1.1131	2.1305	.11740	129.54	.40003	.22721
Stddev	.00287	.0046	.0045	.0072	.00291	2.94	.00740	.00854
%RSD	.34936	.21807	.40526	.33540	2.4803	2.2683	1.8505	3.7566
#1	.81880	2.1208	1.1129	2.1294	.11956	128.02	.39653	.22193
#2	.82115	2.1266	1.1178	2.1239	.11408	127.66	.39504	.22263
#3	.82451	2.1174	1.1088	2.1381	.11855	132.92	.40854	.23705
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20060	13.624	.67645	.28515	.44944	186.54	1.7270	41.631
Stddev	.00058	.131	.02113	.00051	.00058	5.39	.0575	1.197
%RSD	.28883	.96221	3.1232	.17774	.12900	2.8895	3.3318	2.8753
#1	.20045	13.770	.66674	.28529	.44932	183.43	1.6996	40.980
#2	.20124	13.516	.66193	.28557	.45007	183.42	1.6883	40.900
#3	.20011	13.585	.70069	.28458	.44893	192.76	1.7931	43.013
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.91866	.05758	4.2727	.49125	.75199	18.633	.43054	.41599
Stddev	.00375	.00103	.1547	.01581	.00378	.450	.00155	.02822
%RSD	.40853	1.7893	3.6214	3.2182	.50235	2.4131	.36032	6.7842
#1	.91606	.05692	4.1917	.47955	.75229	18.438	.42978	.39886
#2	.92297	.05705	4.1752	.48497	.75560	18.314	.42952	.40055
#3	.91696	.05877	4.4511	.50924	.74807	19.148	.43232	.44857
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 71.719	6.7839	.64112	1.0744	1.1211	7.956	.14313	3.9225
Stddev	.087	.0139	.00191	.0040	.0040	.004	.00611	.7625
%RSD	.12105	.20464	.29858	.37398	.35977	.0536	4.2691	19.439
#1	71.698	6.7721	.64097	1.0789	1.1242	7.952	.14681	3.4535
#2	71.814	6.7805	.64311	1.0712	1.1226	7.960	.14651	3.5118
#3	71.645	6.7992	.63929	1.0731	1.1165	7.956	.13608	4.8023

Sample Name: K1984-06MS Acquired: 3/25/2019 13:56:09 Type: Unk
Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 161.00
Stddev 2.22
%RSD 1.3761

#1 158.46
#2 162.01
#3 162.53

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3838.3	46383.	2766.6	29.747	3859.9
Stddev	10.5	1210.	14.4	.777	17.5
%RSD	.27459	2.6092	.51873	2.6116	.45332

#1	3831.9	46928.	2758.9	30.388	3858.2
#2	3832.6	47226.	2783.1	28.883	3843.2
#3	3850.5	44997.	2757.6	29.969	3878.1

Sample Name: K1984-06MSD Acquired: 3/25/2019 14:00:29 Type: Unk
Method: P4-ICP2(v2980) 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	.80033	2.0883	1.0999	2.0878	.10826	125.82	.38812	.21826
Stddev	.00252	.0019	.0023	.0082	.00017	.43	.00151	.00048
%RSD	.31537	.08999	.20866	.39068	.15642	.33930	.39030	.22159
#1	.80227	2.0861	1.1024	2.0793	.10832	126.11	.38915	.21869
#2	.79747	2.0890	1.0979	2.0956	.10838	125.33	.38638	.21834
#3	.80123	2.0897	1.0995	2.0885	.10806	126.02	.38882	.21774
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19782	13.715	.65322	.28056	.44082	181.54	1.6858	40.177
Stddev	.00041	.087	.00176	.00091	.00061	.72	.0032	.086
%RSD	.20589	.63135	.26871	.32434	.13875	.39793	.19177	.21353
#1	.19791	13.651	.65395	.28015	.44023	181.53	1.6885	40.215
#2	.19817	13.813	.65450	.28160	.44145	180.82	1.6866	40.079
#3	.19737	13.680	.65122	.27992	.44078	182.27	1.6822	40.237
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.90253	.05607	4.0688	.47280	.74368	18.039	.42491	.40024
Stddev	.00073	.00048	.0425	.00126	.00181	.119	.00162	.01843
%RSD	.08104	.85012	1.0457	.26625	.24391	.65890	.38170	4.6044
#1	.90248	.05626	4.0384	.47160	.74473	18.072	.42339	.38658
#2	.90329	.05553	4.0505	.47270	.74472	17.907	.42662	.42120
#3	.90183	.05643	4.1174	.47411	.74158	18.138	.42473	.39294
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 71.846	7.3823	.63482	1.0669	1.1158	7.828	.14437	3.3592
Stddev	.213	.0348	.00155	.0037	.0044	.012	.00147	.0701
%RSD	.29588	.47096	.24355	.34848	.39687	.1529	1.0176	2.0879
#1	72.064	7.3838	.63513	1.0629	1.1193	7.840	.14481	3.3400
#2	71.835	7.4162	.63314	1.0703	1.1173	7.828	.14557	3.3007
#3	71.639	7.3467	.63619	1.0673	1.1109	7.816	.14273	3.4370

Sample Name: K1984-06MSD Acquired: 3/25/2019 14:00:29 Type: Unk
 Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 159.24
 Stddev 1.47
 %RSD .92252

#1 158.09
 #2 158.73
 #3 160.89

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3831.1	47142.	2759.6	29.997	3846.3
Stddev	5.5	46.	23.9	2.275	7.6
%RSD	.14446	.09724	.86709	7.5823	.19749

#1	3825.7	47106.	2748.2	30.252	3837.8
#2	3836.8	47125.	2743.5	27.606	3849.0
#3	3830.9	47193.	2787.1	32.134	3852.2

Sample Name: K1984-06A Acquired: 3/25/2019 14:04:50 Type: Unk
Method: P4-ICP2(v2980) 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	.81245	2.0932	1.1012	2.1014	.11577	125.00	.38789	.21989
Stddev	.00374	.0048	.0052	.0055	.00308	.81	.00271	.00055
%RSD	.46065	.23065	.47422	.26242	2.6578	.65114	.69823	.25060
#1	.80863	2.0884	1.0957	2.0967	.11736	125.94	.39073	.22037
#2	.81611	2.0930	1.1016	2.1074	.11772	124.50	.38534	.22002
#3	.81260	2.0981	1.1062	2.1000	.11222	124.56	.38758	.21929
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19878	13.588	.65234	.28122	.44414	179.64	1.6715	39.931
Stddev	.00017	.074	.00115	.00030	.00294	.72	.0014	.070
%RSD	.08607	.54324	.17690	.10703	.66212	.40112	.08244	.17436
#1	.19860	13.555	.65321	.28107	.44076	180.28	1.6705	40.010
#2	.19879	13.673	.65277	.28102	.44555	178.86	1.6710	39.878
#3	.19894	13.536	.65103	.28157	.44611	179.79	1.6731	39.905
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.90620	.05586	4.0690	.47425	.74389	17.956	.42682	.39277
Stddev	.00381	.00065	.0295	.00119	.00074	.083	.00110	.01993
%RSD	.42025	1.1640	.72570	.25057	.09953	.46053	.25667	5.0745
#1	.90382	.05642	4.0890	.47501	.74473	18.045	.42556	.37150
#2	.90418	.05515	4.0829	.47485	.74358	17.882	.42741	.41101
#3	.91059	.05600	4.0351	.47288	.74335	17.942	.42750	.39580
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 71.281	6.9506	.63724	1.0611	1.1115	7.858	.14585	3.3134
Stddev	.146	.0233	.00302	.0076	.0057	.027	.00167	.0423
%RSD	.20431	.33447	.47359	.71804	.51211	.3447	1.1479	1.2766
#1	71.338	6.9273	.63550	1.0678	1.1127	7.832	.14481	3.2656
#2	71.115	6.9738	.63550	1.0627	1.1165	7.858	.14778	3.3281
#3	71.389	6.9506	.64073	1.0528	1.1053	7.886	.14496	3.3463

Sample Name: K1984-06A Acquired: 3/25/2019 14:04:50 Type: Unk
Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 160.20
Stddev 1.24
%RSD .77370

#1 160.55
#2 161.23
#3 158.83

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3864.9	47553.	2775.9	29.659	3888.2
Stddev	4.9	140.	4.2	1.161	3.4
%RSD	.12603	.29365	.15081	3.9138	.08833

#1	3869.6	47394.	2774.7	28.334	3891.1
#2	3859.8	47657.	2772.4	30.148	3889.1
#3	3865.2	47608.	2780.5	30.496	3884.4

Sample Name: CCV02 Acquired: 3/25/2019 14:17:46 Type: Unk
Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1656	5.2048	5.1564	5.1912	5.1831	9.2139	10.066	.26078
Stddev	.0032	.0134	.0056	.0203	.0108	.0153	.021	.00067
%RSD	.06141	.25822	.10788	.39096	.20907	.16635	.20461	.25616
#1	5.1662	5.2073	5.1613	5.2096	5.1925	9.1974	10.082	.26146
#2	5.1684	5.2167	5.1576	5.1945	5.1856	9.2277	10.073	.26077
#3	5.1621	5.1902	5.1504	5.1695	5.1713	9.2164	10.043	.26012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5678	25.612	1.0213	2.5825	1.2885	5.1436	2.5121	23.259
Stddev	.0057	.177	.0028	.0015	.0012	.0083	.0059	.072
%RSD	.22411	.69298	.27428	.05638	.09023	.16180	.23615	.30963
#1	2.5700	25.437	1.0245	2.5841	1.2897	5.1522	2.5183	23.211
#2	2.5721	25.606	1.0194	2.5823	1.2874	5.1430	2.5116	23.223
#3	2.5613	25.792	1.0199	2.5812	1.2883	5.1356	2.5064	23.342
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5417	1.2819	26.521	2.5475	2.5865	26.932	5.1827	F 3.8822
Stddev	.0045	.0034	.022	.0053	.0023	.075	.0050	.0319
%RSD	.17532	.26572	.08443	.20643	.09062	.27981	.09616	.82169
#1	2.5460	1.2837	26.506	2.5526	2.5892	26.902	5.1885	3.8953
#2	2.5419	1.2841	26.547	2.5478	2.5851	27.017	5.1796	3.9054
#3	2.5371	1.2780	26.512	2.5421	2.5851	26.876	5.1801	3.8458
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1652	4.6040	5.1532	4.9509	F 5.5706	5.148	5.1867	F 4.1139
Stddev	.0097	.0303	.0031	.0111	.0326	.024	.0238	.0757
%RSD	.18750	.65926	.05994	.22407	.58502	.4701	.45927	1.8392
#1	5.1762	4.5858	5.1564	4.9457	5.5671	5.168	5.1765	4.0354
#2	5.1579	4.5871	5.1502	4.9433	5.5399	5.154	5.1696	4.1201
#3	5.1615	4.6390	5.1529	4.9636	5.6048	5.121	5.2139	4.1863

Sample Name: CCV02 Acquired: 3/25/2019 14:17:46 Type: Unk
 Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.8384
Stddev	1.2918
%RSD	33.655

#1	3.5946
#2	2.6858
#3	5.2347

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3719.8	45972.	2667.2	29.011	3783.6
Stddev	2.6	174.	5.3	.605	3.2
%RSD	.06911	.37858	.19781	2.0858	.08511

#1	3716.8	45904.	2670.0	28.332	3782.1
#2	3720.8	45842.	2670.6	29.492	3781.4
#3	3721.7	46170.	2661.2	29.210	3787.3

Sample Name: CCB02 Acquired: 3/25/2019 14:21:44 Type: Unk
Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00090	.00558	-.00199	-.00010	-.08186	.00349
Stddev	.00067	.00160	.00074	.00130	.00123	.01259	.00032
%RSD	693.93	178.40	13.308	65.519	1238.2	15.385	9.1402

#1	-.00056	-.00038	.00514	-.00119	.00015	-.09456	.00312
#2	.00078	.00038	.00517	-.00350	.00098	-.06938	.00363
#3	.00008	.00269	.00644	-.00129	-.00144	-.08164	.00370

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00001	.01392	.00030	-.00013	-.00046	.00118
Stddev	.00006	.00013	.02870	.00048	.00008	.00011	.00085
%RSD	79.284	1625.0	206.18	162.41	62.191	22.884	71.878

#1	-.00002	.00001	.01734	.00001	-.00022	-.00037	.00104
#2	-.00013	-.00012	-.01634	.00085	-.00007	-.00058	.00209
#3	-.00007	.00014	.04076	.00002	-.00010	-.00043	.00041

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	-.00702	-.00022	-.00087	-.62516	-.00039	-.00031
Stddev	.00004	.01527	.00051	.00041	.00339	.00033	.00010
%RSD	22.364	217.56	234.45	47.014	.54216	84.225	31.956

#1	.00020	-.02372	-.00060	-.00042	-.62127	-.00002	-.00023
#2	.00019	.00623	-.00042	-.00096	-.62670	-.00064	-.00027
#3	.00013	-.00357	.00036	-.00122	-.62750	-.00052	-.00042

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.14706	.00018	.01630	F -.03243	.00824	.00001	.00159
Stddev	.04397	.00026	.00893	.00155	.00172	.00074	.00152
%RSD	29.897	144.73	54.770	4.7910	20.831	6131.8	95.697

#1	-.18379	.00003	.01014	-.03420	.01017	.00063	.00076
#2	-.15905	.00048	.01222	-.03177	.00768	.00021	.00334
#3	-.09834	.00003	.02653	-.03131	.00688	-.00080	.00066

Sample Name: CCB02 Acquired: 3/25/2019 14:21:44 Type: Unk
Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01267	.0001	.00010	2.3710	<.00000
Stddev	.00190	.0014	.00015	.1020	.38897
%RSD	15.023	1274.	144.35	4.2998	87.891
#1	-.01438	-.0014	.00027	2.2972	-.27640
#2	-.01062	.0004	.00001	2.3286	-.16427
#3	-.01302	.0014	.00002	2.4874	-.88701
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3876.8	47797.	2664.5	29.411	4268.0
Stddev	6.2	162.	27.9	.725	4.7
%RSD	.16037	.33822	1.0467	2.4659	.11125
#1	3871.7	47729.	2647.2	28.675	4262.7
#2	3874.9	47982.	2649.7	30.125	4271.9
#3	3883.7	47681.	2696.7	29.433	4269.5

Sample Name: K1964-01 Acquired: 3/25/2019 14:26:13 Type: Unk
Method: P4-ICP2(v2980) 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	.00019	.00088	.13547	.00931	-.00171	1.5275	.31535	.00004
Stddev	.00105	.00234	.00079	.00265	.00157	.0055	.00110	.00006
%RSD	545.16	266.43	.58001	28.425	91.466	.36072	.34808	150.69
#1	-.00065	.00245	.13466	.01125	-.00021	1.5300	.31409	.00004
#2	.00137	.00199	.13552	.00630	-.00159	1.5314	.31613	.00011
#3	-.00015	-.00181	.13623	.01039	-.00334	1.5212	.31582	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	191.10	.00167	.00222	.03822	10.265	.72401	31.370
Stddev	.00012	.58	.00034	.00015	.00088	.029	.00282	.281
%RSD	48.837	.30472	20.274	6.6766	2.2984	.28443	.38979	.89484
#1	-.00011	191.71	.00206	.00204	.03722	10.270	.72076	31.047
#2	-.00030	190.55	.00151	.00230	.03888	10.292	.72579	31.558
#3	-.00032	191.05	.00144	.00230	.03855	10.234	.72549	31.505
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00076	-.00577	146.41	.00491	.14806	26.676	.00374	.20778
Stddev	.00050	.00041	.56	.00036	.00251	.114	.00023	.00324
%RSD	65.972	7.1434	.38151	7.4022	1.6983	.42712	6.1884	1.5586
#1	-.00023	-.00536	145.86	.00508	.14520	26.582	.00351	.20428
#2	-.00124	-.00618	146.40	.00516	.14992	26.803	.00397	.21067
#3	-.00082	-.00578	146.97	.00449	.14906	26.644	.00374	.20841
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.4825	F 20.947	.00374	.06657	.08516	1.180	.84693	4.0118
Stddev	.1227	.061	.00066	.00138	.00369	.018	.00250	.2111
%RSD	1.4467	.28995	17.599	2.0702	4.3359	1.518	.29461	5.2612
#1	8.3484	20.949	.00418	.06814	.08102	1.159	.84465	4.1723
#2	8.5892	21.007	.00405	.06597	.08811	1.193	.84655	4.0904
#3	8.5100	20.886	.00298	.06559	.08635	1.187	.84960	3.7727

Sample Name: K1964-01 Acquired: 3/25/2019 14:26:13 Type: Unk
 Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.0125
Stddev	.5778
%RSD	57.065

#1	1.0187
#2	.43164
#3	1.5871

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3637.6	45219.	2663.1	28.575	3711.5
Stddev	64.9	69.	4.2	2.078	46.2
%RSD	1.7836	.15194	.15889	7.2706	1.2461

#1	3712.5	45285.	2662.5	30.889	3764.1
#2	3600.1	45147.	2659.2	27.966	3677.1
#3	3600.2	45224.	2667.6	26.870	3693.3

Sample Name: K1964-01DUP Acquired: 3/25/2019 14:30:33 Type: Unk
Method: P4-ICP2(v2980) 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	.00143	-.00024	.13970	.00892	-.00343	1.5165	.32608	-.00003
Stddev	.00275	.00124	.00113	.00335	.00187	.0271	.00217	.00004
%RSD	192.82	523.47	.81179	37.542	54.450	1.7860	.66691	107.56
#1	.00445	.00028	.13928	.00854	-.00470	1.5366	.32780	-.00007
#2	.00074	-.00164	.14099	.00577	-.00128	1.5272	.32680	-.00001
#3	-.00091	.00066	.13884	.01244	-.00430	1.4857	.32363	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00034	196.35	.00103	.00241	.03959	10.342	.74437	32.174
Stddev	.00002	1.00	.00031	.00029	.00024	.025	.00164	.087
%RSD	7.0592	.50815	29.823	12.209	.61175	.23878	.21995	.27115
#1	-.00036	195.92	.00095	.00244	.03986	10.357	.74625	32.203
#2	-.00036	197.49	.00077	.00210	.03952	10.356	.74365	32.076
#3	-.00032	195.64	.00137	.00269	.03939	10.314	.74322	32.243
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00071	-.00568	150.75	.00425	.12744	27.527	.00419	.19275
Stddev	.00048	.00042	.89	.00066	.00075	.266	.00034	.00625
%RSD	67.174	7.4609	.58883	15.481	.59204	.96485	7.9987	3.2441
#1	-.00071	-.00520	151.74	.00483	.12720	27.813	.00446	.19901
#2	-.00023	-.00599	150.51	.00439	.12683	27.480	.00429	.18650
#3	-.00119	-.00586	150.02	.00354	.12828	27.289	.00382	.19274
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.7523	F 21.402	.00400	.06548	.08931	1.200	.86998	4.3398
Stddev	.0119	.147	.00131	.00271	.00111	.002	.00644	.1812
%RSD	.13613	.68868	32.719	4.1395	1.2479	.1272	.74064	4.1758
#1	8.7406	21.286	.00444	.06238	.09048	1.202	.87051	4.5362
#2	8.7518	21.567	.00503	.06664	.08826	1.200	.87614	4.3042
#3	8.7644	21.351	.00253	.06742	.08920	1.199	.86329	4.1791

Sample Name: K1964-01DUP Acquired: 3/25/2019 14:30:33 Type: Unk
 Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.5885
Stddev	2.1596
%RSD	135.96

#1	3.8140
#2	1.4500
#3	-.49863

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3602.6	44947.	2654.4	28.563	3664.2
Stddev	5.0	141.	12.7	1.624	6.4
%RSD	.13994	.31406	.47696	5.6843	.17499

#1	3596.9	44790.	2662.2	28.514	3659.9
#2	3604.3	44986.	2639.8	30.211	3671.6
#3	3606.6	45064.	2661.1	26.965	3661.2

Sample Name: K1964-01LX5 Acquired: 3/25/2019 14:34:51 Type: Unk
Method: P4-ICP2(v2980) 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	-.00090	.00244	.03233	.00413	-.00150	.24901	.06847	.00007
Stddev	.00212	.00090	.00106	.00524	.00233	.00336	.00077	.00011
%RSD	236.33	36.853	3.2819	127.05	155.35	1.3478	1.1247	145.51

#1	-.00026	.00321	.03171	.01018	-.00145	.24891	.06847	.00006
#2	-.00326	.00265	.03173	.00121	-.00385	.25241	.06770	-.00002
#3	.00083	.00145	.03356	.00099	.00080	.24570	.06924	.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	41.293	-.00023	.00032	.00827	2.1994	.15997	6.5570
Stddev	.00010	.014	.00023	.00007	.00032	.0058	.00092	.0707
%RSD	86.911	.03421	103.04	20.888	3.8284	.26172	.57245	1.0784

#1	-.00021	41.286	-.00023	.00031	.00856	2.2046	.16059	6.4856
#2	-.00001	41.283	.00001	.00040	.00793	2.1933	.16040	6.5583
#3	-.00012	41.309	-.00046	.00027	.00832	2.2004	.15892	6.6270

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00129	-.00223	29.426	.00098	.02047	5.1856	.00080	.04312
Stddev	.00023	.00107	.097	.00011	.00003	.0640	.00024	.01915
%RSD	17.858	47.767	.32992	11.138	.15249	1.2347	29.680	44.423

#1	-.00155	-.00278	29.537	.00102	.02049	5.1857	.00074	.03532
#2	-.00116	-.00291	29.379	.00107	.02049	5.2496	.00105	.06494
#3	-.00115	-.00100	29.361	.00086	.02044	5.1215	.00059	.02909

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6539	4.4784	-.00177	.01159	.01344	.2379	.18224	3.2785
Stddev	.0053	.0357	.00047	.00291	.00230	.0019	.00040	.1278
%RSD	.32075	.79823	26.314	25.094	17.112	.8049	.22175	3.8983

#1	1.6497	4.5106	-.00185	.01493	.01313	.2401	.18269	3.3043
#2	1.6599	4.4846	-.00219	.00956	.01131	.2367	.18214	3.1398
#3	1.6522	4.4400	-.00127	.01030	.01588	.2368	.18190	3.3915

Sample Name: K1964-01LX5 Acquired: 3/25/2019 14:34:51 Type: Unk
Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	1.4988
%RSD	244.90

#1	-1.9107
#2	-.95326
#3	1.0280

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3749.0	46369.	2681.5	28.686	3988.2
Stddev	11.7	180.	21.6	1.493	5.1
%RSD	.31237	.38812	.80393	5.2038	.12860

#1	3736.7	46222.	2662.3	27.282	3983.5
#2	3760.1	46314.	2677.5	28.524	3987.5
#3	3750.3	46570.	2704.8	30.254	3993.7

Sample Name: K1964-01A Acquired: 3/25/2019 14:47:31 Type: Unk
Method: P4-ICP2(v2980) 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	.90521	2.1448	1.2285	2.2667	.89681	3.9482	.55071	.23214
Stddev	.02053	.0536	.0276	.0494	.02174	.0534	.00167	.00062
%RSD	2.2683	2.4970	2.2466	2.1789	2.4237	1.3517	.30374	.26699
#1	.92690	2.2039	1.2593	2.3211	.92025	3.8905	.55205	.23237
#2	.90265	2.1310	1.2204	2.2542	.89287	3.9583	.54884	.23143
#3	.88607	2.0995	1.2059	2.2248	.87732	3.9958	.55126	.23261
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21656	208.47	.43476	.22568	.37709	14.241	.99540	35.719
Stddev	.00547	2.15	.00068	.00532	.00712	.072	.00355	.161
%RSD	2.5269	1.0320	.15699	2.3579	1.8880	.50746	.35627	.45194
#1	.22260	210.95	.43398	.23163	.38459	14.257	.99261	35.819
#2	.21517	207.12	.43526	.22403	.37625	14.163	.99421	35.533
#3	.21192	207.35	.43504	.22138	.37042	14.305	.99939	35.805
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54326	.07122	162.58	.33877	.36349	40.214	.44261	.45337
Stddev	.01398	.00029	.48	.00046	.00805	.216	.00899	.02263
%RSD	2.5731	.40930	.29322	.13636	2.2157	.53668	2.0304	4.9905
#1	.55853	.07153	162.65	.33855	.37224	40.358	.45238	.47672
#2	.54017	.07095	162.08	.33846	.36185	39.966	.44074	.45184
#3	.53109	.07119	163.02	.33930	.35639	40.318	.43470	.43155
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5403	F 24.658	.76563	.29935	.34756	8.039	1.1316	4.6867
Stddev	.2302	.170	.02209	.01315	.00433	.192	.0115	.1038
%RSD	2.4133	.68937	2.8846	4.3926	1.2469	2.386	1.0156	2.2139
#1	9.7908	24.787	.79025	.29757	.35185	8.254	1.1448	4.6544
#2	9.4921	24.466	.75910	.28718	.34765	7.980	1.1237	4.6030
#3	9.3379	24.722	.74755	.31329	.34318	7.884	1.1264	4.8028

Sample Name: K1964-01A Acquired: 3/25/2019 14:47:31 Type: Unk
Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	8.1338
Stddev	.6917
%RSD	8.5041

#1	8.8105
#2	7.4280
#3	8.1629

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3527.6	44583.	2624.3	28.300	3565.3
Stddev	56.2	223.	21.3	.776	70.6
%RSD	1.5921	.49970	.81203	2.7408	1.9808

#1	3462.8	44656.	2600.9	29.188	3484.1
#2	3563.1	44759.	2642.6	27.758	3612.2
#3	3556.9	44332.	2629.3	27.952	3599.6

Sample Name: K1964-01MS Acquired: 3/25/2019 14:51:33 Type: Unk
Method: P4-ICP2(v2980) 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	.89032	2.1142	1.2079	2.2356	.88681	3.8544	.55344	.23304
Stddev	.00590	.0106	.0074	.0047	.00241	.0230	.00201	.00049
%RSD	.66301	.50130	.61533	.20906	.27231	.59677	.36388	.20933
#1	.88589	2.1063	1.2073	2.2305	.88572	3.8528	.55142	.23285
#2	.88806	2.1262	1.2156	2.2368	.88958	3.8322	.55344	.23267
#3	.89702	2.1101	1.2008	2.2396	.88514	3.8781	.55545	.23359
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21296	209.78	.43699	.22215	.37074	14.246	.99791	35.726
Stddev	.00120	1.82	.00087	.00152	.00045	.047	.00569	.059
%RSD	.56206	.86885	.19895	.68274	.12141	.33024	.57052	.16378
#1	.21321	208.05	.43602	.22288	.37121	14.202	.99334	35.789
#2	.21401	211.68	.43771	.22316	.37032	14.296	1.0043	35.714
#3	.21165	209.62	.43723	.22041	.37069	14.239	.99612	35.674
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53443	.07212	163.49	.33968	.36623	40.570	.43718	.46246
Stddev	.00127	.00043	.60	.00170	.00182	.161	.00051	.00511
%RSD	.23768	.59455	.36481	.49965	.49804	.39698	.11630	1.1040
#1	.53360	.07262	162.85	.33863	.36588	40.648	.43665	.46075
#2	.53590	.07184	164.03	.33876	.36820	40.678	.43766	.45842
#3	.53380	.07191	163.60	.34163	.36460	40.385	.43722	.46820
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3928	F 24.706	.75286	.28696	.34858	7.907	1.1404	4.9149
Stddev	.0512	.109	.00460	.00680	.00197	.033	.0067	.0350
%RSD	.54544	.44016	.61117	2.3695	.56381	.4167	.59180	.71253
#1	9.3824	24.606	.75159	.29235	.35027	7.884	1.1336	4.9090
#2	9.4485	24.822	.75796	.28921	.34905	7.945	1.1471	4.9525
#3	9.3476	24.691	.74903	.27932	.34643	7.892	1.1403	4.8832

Sample Name: K1964-01MS Acquired: 3/25/2019 14:51:33 Type: Unk
Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	8.9105
Stddev	.9674
%RSD	10.857

#1	9.2135
#2	7.8278
#3	9.6900

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3551.1	44336.	2603.7	27.744	3598.1
Stddev	2.9	206.	20.3	1.141	11.5
%RSD	.08196	.46512	.78078	4.1129	.31958

#1	3549.7	44468.	2617.0	28.936	3596.0
#2	3554.5	44099.	2580.3	26.662	3587.8
#3	3549.2	44442.	2613.7	27.634	3610.5

Sample Name: K1964-01MSD Acquired: 3/25/2019 14:55:36 Type: Unk
Method: P4-ICP2(v2980) 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	.88593	2.0896	1.1900	2.2229	.87858	3.7909	.54623	.22991
Stddev	.00922	.0048	.0037	.0055	.00437	.0408	.00281	.00051
%RSD	1.0407	.22833	.30854	.24694	.49788	1.0768	.51517	.22369
#1	.88826	2.0856	1.1868	2.2258	.88215	3.8260	.54709	.22958
#2	.89376	2.0949	1.1940	2.2262	.87988	3.8005	.54851	.22965
#3	.87577	2.0882	1.1892	2.2165	.87370	3.7461	.54308	.23050
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21050	208.29	.43329	.21915	.36884	14.082	.99447	35.248
Stddev	.00046	1.34	.00020	.00030	.00230	.042	.00208	.448
%RSD	.21830	.64526	.04728	.13676	.62313	.29669	.20909	1.2702
#1	.21023	207.14	.43352	.21899	.37059	14.118	.99225	35.141
#2	.21103	207.96	.43320	.21897	.36969	14.036	.99637	35.740
#3	.21024	209.77	.43315	.21949	.36624	14.092	.99479	34.864
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53062	.07124	161.72	.33466	.35895	40.207	.43400	.45999
Stddev	.00126	.00084	.56	.00086	.00013	.143	.00238	.01330
%RSD	.23770	1.1786	.34508	.25711	.03568	.35615	.54827	2.8912
#1	.52919	.07052	162.24	.33565	.35898	40.297	.43352	.45723
#2	.53107	.07103	161.80	.33408	.35906	40.281	.43659	.47445
#3	.53159	.07216	161.13	.33424	.35881	40.041	.43190	.44829
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.2601	F 24.480	.74284	.28383	.34901	7.833	1.1374	4.5845
Stddev	.0480	.232	.00153	.00942	.00178	.021	.0085	.2024
%RSD	.51826	.94931	.20649	3.3191	.51127	.2729	.74372	4.4154
#1	9.2427	24.326	.74110	.27537	.34705	7.810	1.1306	4.8158
#2	9.3144	24.368	.74343	.29398	.34947	7.853	1.1347	4.4400
#3	9.2233	24.748	.74399	.28214	.35053	7.837	1.1469	4.4977

Sample Name: K1964-01MSD Acquired: 3/25/2019 14:55:36 Type: Unk
Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	8.4925
Stddev	1.1411
%RSD	13.437

#1	9.6269
#2	7.3448
#3	8.5059

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3567.1	44577.	2602.8	29.329	3629.9
Stddev	13.8	71.	23.7	1.009	16.1
%RSD	.38634	.15854	.90875	3.4410	.44320

#1	3576.1	44501.	2616.8	29.121	3648.2
#2	3551.3	44641.	2616.2	28.439	3623.3
#3	3574.0	44589.	2575.5	30.425	3618.1

Sample Name: K1964-03 Acquired: 3/25/2019 14:59:39 Type: Unk
Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00152	.00122	.04808	.00485	-.00269	.41831	.22909
Stddev	.00063	.00081	.00058	.00319	.00215	.00452	.00207
%RSD	41.252	66.575	1.2088	65.767	80.007	1.0796	.90185

#1	-.00168	.00155	.04746	.00222	-.00102	.41513	.22812
#2	-.00205	.00182	.04815	.00393	-.00512	.41632	.23147
#3	-.00083	.00030	.04861	.00840	-.00194	.42348	.22770

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00024	268.85	-.00019	-.00015	.01258	1.3731
Stddev	.00016	.00007	.92	.00024	.00010	.00011	.0063
%RSD	580.57	29.729	.34172	124.99	66.534	.86236	.45976

#1	-.00018	.00019	269.84	-.00047	-.00004	.01256	1.3798
#2	-.00003	.00032	268.03	-.00008	-.00017	.01270	1.3722
#3	.00013	.00020	268.68	-.00003	-.00024	.01248	1.3673

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50072	38.675	-.00375	-.00608	102.11	.00323	.11925
Stddev	.00145	.247	.00019	.00010	.61	.00031	.00231
%RSD	.28991	.63773	5.0459	1.7035	.59996	9.5285	1.9411

#1	.49905	38.398	-.00379	-.00603	102.03	.00301	.12186
#2	.50168	38.869	-.00355	-.00601	102.76	.00310	.11845
#3	.50142	38.759	-.00392	-.00620	101.55	.00358	.11744

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.767	.00154	.14097	3.5853	F 27.311	-.00307	.00834
Stddev	.182	.00005	.00088	.0273	.233	.00070	.00325
%RSD	.73473	3.4191	.62367	.76076	.85376	22.869	38.929

#1	24.889	.00149	.14157	3.6154	27.405	-.00384	.00462
#2	24.855	.00155	.14137	3.5621	27.046	-.00248	.00982
#3	24.558	.00159	.13996	3.5784	27.483	-.00288	.01059

Sample Name: K1964-03 Acquired: 3/25/2019 14:59:39 Type: Unk
 Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07327	.9951	1.2112	3.9794	F<.00000
Stddev	.00323	.0053	.0063	.2595	.44082
%RSD	4.4063	.5296	.51983	6.5204	11.038

#1	.07502	.9979	1.2182	4.2261	-4.5004
#2	.07525	.9890	1.2061	4.0031	-3.6996
#3	.06954	.9983	1.2093	3.7088	-3.7807

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3573.1	44519.	2613.4	28.706	3651.1
Stddev	7.3	137.	22.5	.319	10.7
%RSD	.20291	.30848	.85996	1.1117	.29370

#1	3569.4	44414.	2592.8	28.580	3640.4
#2	3568.5	44468.	2637.4	29.069	3651.0
#3	3581.5	44674.	2610.0	28.469	3661.9

Sample Name: K1964-05 Acquired: 3/25/2019 15:03:59 Type: Unk
Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00553	.00107	.04826	.00333	-.00209	.45317	.22770
Stddev	.00187	.00108	.00064	.00135	.00020	.03378	.00195
%RSD	33.871	100.62	1.3178	40.526	9.5384	7.4537	.85454

#1	-.00500	.00129	.04799	.00183	-.00210	.48494	.22957
#2	-.00761	.00202	.04898	.00445	-.00228	.45687	.22784
#3	-.00398	-.00010	.04779	.00371	-.00188	.41769	.22569

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00014	266.45	.00005	.00003	.01234	1.3532
Stddev	.00006	.00012	1.68	.00022	.00059	.00032	.0041
%RSD	142.02	88.604	.63110	399.94	2171.0	2.5959	.30420

#1	-.00002	-.00000	265.07	-.00008	-.00014	.01199	1.3579
#2	.00005	.00023	268.33	.00030	.00068	.01239	1.3505
#3	.00010	.00019	265.96	-.00006	-.00046	.01263	1.3510

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49364	38.198	-.00372	-.00603	101.08	.00320	.11294
Stddev	.00009	.285	.00006	.00019	.85	.00043	.00051
%RSD	.01883	.74567	1.4984	3.1317	.84332	13.395	.45275

#1	.49375	38.522	-.00376	-.00624	102.06	.00338	.11353
#2	.49356	38.084	-.00375	-.00588	100.68	.00271	.11264
#3	.49362	37.987	-.00366	-.00597	100.51	.00350	.11266

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.731	.00151	.15067	3.5299	F 26.907	-.00297	.01234
Stddev	.252	.00040	.01507	.0067	.293	.00092	.00640
%RSD	1.0174	26.523	9.9995	.19136	1.0877	30.980	51.862

#1	25.010	.00105	.14723	3.5285	26.601	-.00397	.01932
#2	24.661	.00177	.16716	3.5240	27.184	-.00280	.01095
#3	24.521	.00172	.13763	3.5373	26.935	-.00215	.00675

Sample Name: K1964-05 Acquired: 3/25/2019 15:03:59 Type: Unk
 Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06947	.9832	1.2005	3.9156	F<.00000
Stddev	.00115	.0051	.0052	.0705	1.7640
%RSD	1.6572	.5158	.43286	1.8007	51.629
#1	.06815	.9887	1.2002	3.8951	-1.7614
#2	.07025	.9787	1.2059	3.8576	-3.2164
#3	.07001	.9822	1.1955	3.9941	-5.2724
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3576.8	44799.	2627.0	28.159	3650.3
Stddev	8.0	98.	21.7	1.133	10.9
%RSD	.22500	.21955	.82551	4.0251	.29974
#1	3575.0	44721.	2651.4	28.879	3641.6
#2	3585.6	44910.	2609.8	26.852	3662.6
#3	3569.8	44768.	2619.8	28.745	3646.7

Sample Name: K1964-02 Acquired: 3/25/2019 15:08:21 Type: Unk
Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00225	.00026	.01527	.00484	-.00386	.06272	.19909
Stddev	.00414	.00066	.00127	.00121	.00213	.01938	.00114
%RSD	183.86	253.57	8.3078	25.035	55.274	30.894	.57050

#1	-.00646	.00093	.01394	.00463	-.00491	.04077	.19779
#2	.00182	-.00039	.01540	.00375	-.00526	.06993	.19991
#3	-.00212	.00025	.01647	.00615	-.00140	.07745	.19957

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00013	159.30	-.00100	.00093	.00253	.22775
Stddev	.00008	.00009	.26	.00010	.00034	.00023	.00303
%RSD	127.84	67.864	.16404	9.6849	36.467	9.2950	1.3296

#1	-.00008	.00017	159.03	-.00107	.00111	.00259	.22551
#2	.00002	.00003	159.55	-.00089	.00113	.00227	.23120
#3	-.00013	.00019	159.32	-.00103	.00054	.00273	.22655

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56419	26.604	-.00329	-.00389	130.54	-.00062	.04215
Stddev	.00253	.321	.00021	.00081	.84	.00045	.00019
%RSD	.44888	1.2055	6.3948	20.740	.64328	72.831	.45987

#1	.56385	26.273	-.00348	-.00338	129.58	-.00012	.04236
#2	.56687	26.913	-.00333	-.00483	131.15	-.00101	.04211
#3	.56184	26.627	-.00306	-.00347	130.89	-.00073	.04198

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.592	.00318	.15473	6.7574	F 15.907	-.00571	-.00367
Stddev	.133	.00022	.01007	.0355	.120	.00096	.00214
%RSD	.56295	6.9061	6.5102	.52528	.75325	16.804	58.270

#1	23.451	.00310	.14322	6.7680	16.035	-.00479	-.00456
#2	23.715	.00343	.16195	6.7864	15.888	-.00563	-.00123
#3	23.610	.00301	.15901	6.7178	15.797	-.00670	-.00521

Sample Name: K1964-02 Acquired: 3/25/2019 15:08:21 Type: Unk
Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06902	.0261	.72665	3.7787	F<.00000
Stddev	.00143	.0004	.00128	.2274	.86124
%RSD	2.0648	1.550	.17675	6.0178	18.836

#1	.06766	.0258	.72804	3.5817	-3.6444
#2	.06889	.0260	.72642	3.7270	-4.7262
#3	.07050	.0266	.72551	4.0276	-5.3462

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3619.6	45121.	2671.7	28.167	3725.5
Stddev	10.6	184.	10.3	.370	25.5
%RSD	.29203	.40671	.38439	1.3149	.68522

#1	3623.9	45318.	2661.1	28.223	3719.0
#2	3607.5	44955.	2672.6	28.507	3703.8
#3	3627.3	45089.	2681.5	27.772	3753.6

Sample Name: K1964-02DUP Acquired: 3/25/2019 15:12:43 Type: Unk
Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00295	.00151	.01585	.00307	-.00332	.08419	.20062
Stddev	.00500	.00102	.00082	.00346	.00096	.02011	.00074
%RSD	169.41	67.293	5.1991	112.61	28.831	23.890	.36986

#1	-.00745	.00211	.01621	.00542	-.00441	.07000	.19998
#2	-.00383	.00034	.01643	.00471	-.00294	.07536	.20144
#3	.00243	.00209	.01491	-.00090	-.00261	.10720	.20045

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00011	161.12	-.00137	.00059	.00257	.22886
Stddev	.00012	.00002	.30	.00041	.00019	.00017	.00128
%RSD	184.48	13.378	.18763	30.112	33.108	6.6367	.56074

#1	-.00019	.00010	161.32	-.00184	.00049	.00242	.22791
#2	.00004	.00011	161.27	-.00113	.00047	.00252	.22834
#3	-.00004	.00013	160.77	-.00114	.00081	.00276	.23032

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56374	26.559	-.00356	-.00437	130.69	-.00079	.04093
Stddev	.00178	.185	.00018	.00058	.45	.00040	.00010
%RSD	.31598	.69641	5.0980	13.172	.34313	50.221	.25341

#1	.56190	26.467	-.00369	-.00502	130.41	-.00036	.04081
#2	.56386	26.438	-.00335	-.00393	130.44	-.00087	.04099
#3	.56546	26.772	-.00365	-.00416	131.21	-.00113	.04098

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.508	.00311	.16178	6.7530	F 16.103	-.00545	-.00283
Stddev	.093	.00013	.01901	.0171	.106	.00032	.00182
%RSD	.39549	4.1515	11.752	.25344	.65566	5.8758	64.346

#1	23.423	.00305	.14148	6.7371	16.192	-.00549	-.00120
#2	23.495	.00302	.17916	6.7508	16.131	-.00512	-.00480
#3	23.607	.00326	.16469	6.7711	15.987	-.00576	-.00250

Sample Name: K1964-02DUP Acquired: 3/25/2019 15:12:43 Type: Unk
Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07172	.0246	.73462	4.2370	F<.00000
Stddev	.00173	.0009	.00317	.1631	1.0352
%RSD	2.4176	3.789	.43088	3.8488	20.126

#1	.07232	.0240	.73723	4.3052	-4.6854
#2	.07308	.0257	.73552	4.0509	-4.4164
#3	.06977	.0242	.73110	4.3549	-6.3286

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3592.4	44854.	2629.1	29.248	3701.4
Stddev	8.8	208.	15.8	.883	13.2
%RSD	.24449	.46261	.59911	3.0183	.35615

#1	3598.6	44827.	2611.3	29.536	3715.4
#2	3596.3	45073.	2635.1	28.257	3699.6
#3	3582.3	44661.	2641.1	29.951	3689.2

Sample Name: CCV03 Acquired: 3/25/2019 15:22:59 Type: Unk
Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2406	5.2742	5.2307	5.2302	5.2575	10.112	9.8036	.26338
Stddev	.0124	.0087	.0043	.0035	.0126	.035	.0999	.00073
%RSD	.23721	.16410	.08131	.06629	.23937	.34518	1.0186	.27726

#1	5.2473	5.2788	5.2344	5.2262	5.2443	10.087	9.8213	.26409
#2	5.2263	5.2642	5.2261	5.2323	5.2693	10.152	9.8935	.26341
#3	5.2483	5.2796	5.2317	5.2322	5.2589	10.096	9.6961	.26263

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6132	25.699	1.0317	2.6151	1.3009	5.1839	2.5480	26.472
Stddev	.0015	.007	.0022	.0027	.0004	.0088	.0018	.239
%RSD	.05647	.02618	.21636	.10230	.03416	.16923	.06901	.90124

#1	2.6135	25.706	1.0292	2.6151	1.3005	5.1809	2.5483	26.432
#2	2.6116	25.695	1.0334	2.6124	1.3013	5.1937	2.5495	26.728
#3	2.6145	25.694	1.0325	2.6178	1.3009	5.1769	2.5461	26.256

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5605	1.2901	25.291	2.5556	2.6599	25.645	5.2532	F 3.7830
Stddev	.0032	.0011	.289	.0031	.0008	.129	.0054	.0233
%RSD	.12692	.08855	1.1437	.11917	.02912	.50252	.10204	.61697

#1	2.5641	1.2913	25.318	2.5573	2.6592	25.623	5.2589	3.7571
#2	2.5596	1.2890	25.565	2.5574	2.6597	25.784	5.2523	3.7896
#3	2.5578	1.2901	24.989	2.5521	2.6607	25.529	5.2483	3.8023

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2467	4.6932	5.2213	4.9388	F 5.6274	5.228	5.1983	F 4.2997
Stddev	.0226	.0337	.0148	.0140	.0103	.003	.0050	.1090
%RSD	.43033	.71888	.28418	.28337	.18276	.0611	.09676	2.5351

#1	5.2206	4.6992	5.2056	4.9428	5.6374	5.231	5.2000	4.1738
#2	5.2602	4.6568	5.2351	4.9232	5.6278	5.229	5.2023	4.3621
#3	5.2592	4.7235	5.2232	4.9502	5.6169	5.225	5.1927	4.3631

Sample Name: CCV03 Acquired: 3/25/2019 15:22:59 Type: Unk
 Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.2484
Stddev	1.1502
%RSD	35.407

#1	2.9638
#2	2.2672
#3	4.5141

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3653.2	45068.	2602.5	27.552	3703.9
Stddev	11.5	80.	13.6	.578	12.0
%RSD	.31566	.17728	.52101	2.0960	.32297

#1	3641.5	45064.	2602.8	27.464	3691.1
#2	3653.5	44991.	2615.8	27.024	3705.9
#3	3664.6	45150.	2588.7	28.169	3714.8

Sample Name: CCB03 Acquired: 3/25/2019 15:26:58 Type: Unk
Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00160	F .00355	.00037	-.00130	-.06167	.00448
Stddev	.00056	.00064	.00138	.00231	.00097	.01189	.00128
%RSD	997.47	40.255	38.967	622.55	74.141	19.277	28.584

#1	.00068	.00202	.00504	.00235	-.00052	-.05254	.00346
#2	-.00042	.00086	.00330	.00093	-.00101	-.07511	.00407
#3	-.00009	.00190	.00231	-.00217	-.00238	-.05736	.00592

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00004	.01474	.00006	.00011	-.00085	.00044
Stddev	.00007	.00005	.02895	.00031	.00014	.00022	.00125
%RSD	289.34	133.45	196.38	536.56	128.66	26.145	284.86

#1	.00004	-.00002	.04733	-.00001	.00008	-.00071	-.00062
#2	-.00010	.00005	-.00799	.00039	-.00002	-.00074	.00012
#3	-.00001	.00008	.00488	-.00021	.00026	-.00111	.00181

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.04694	-.00017	-.00095	-.57497	-.00008	-.00046
Stddev	.00003	.05811	.00006	.00035	.00359	.00014	.00009
%RSD	46.518	123.80	36.877	37.125	.62389	179.19	19.819

#1	.00006	-.03774	-.00017	-.00136	-.57900	-.00010	-.00036
#2	.00005	.00603	-.00023	-.00082	-.57376	.00007	-.00054
#3	.00011	-.10910	-.00010	-.00069	-.57214	-.00020	-.00046

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.16027	.00006	.01651	F -.02928	.00808	-.00252	-.00092
Stddev	.06984	.00017	.01466	.00295	.00249	.00028	.00043
%RSD	43.576	309.72	88.811	10.063	30.805	11.281	46.953

#1	-.18913	-.00006	.00744	-.03034	.01095	-.00220	-.00049
#2	-.08063	.00026	.03343	-.02595	.00674	-.00273	-.00135
#3	-.21106	-.00002	.00866	-.03155	.00654	-.00264	-.00092

Sample Name: CCB03 Acquired: 3/25/2019 15:26:58 Type: Unk
Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01140	-.0007	-.00003	F 2.1124	F .37332
Stddev	.00191	.0007	.00017	.1047	1.4451
%RSD	16.722	106.8	560.25	4.9543	387.09
#1	-.00986	-.0002	.00000	2.1916	-1.2859
#2	-.01082	-.0015	-.00022	2.1520	1.0493
#3	-.01353	-.0003	.00012	1.9938	1.3565
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3881.6	48123.	2639.4	28.706	4266.0
Stddev	6.0	106.	51.3	.470	5.8
%RSD	.15418	.22087	1.9452	1.6387	.13535
#1	3874.7	48073.	2661.8	28.308	4261.9
#2	3884.7	48052.	2580.7	29.225	4272.6
#3	3885.4	48246.	2675.8	28.583	4263.5

Sample Name: K1964-02LX5 Acquired: 3/25/2019 15:31:05 Type: Unk
Method: P4-ICP2(v2980) 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	-.00086	.00065	.00560	.00285	-.00144	-.04172	.04117	-.00005
Stddev	.00371	.00018	.00019	.00093	.00178	.02141	.00162	.00011
%RSD	429.91	27.942	3.3605	32.636	123.90	51.335	3.9400	212.62

#1	.00307	.00050	.00546	.00206	-.00329	-.03333	.03986	.00001
#2	-.00135	.00085	.00551	.00388	.00026	-.06606	.04298	.00001
#3	-.00430	.00060	.00581	.00262	-.00129	-.02576	.04067	-.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	32.713	-.00046	-.00018	.00016	.04678	.11743	5.2249
Stddev	.00007	.118	.00030	.00009	.00026	.00059	.00073	.0595
%RSD	50.936	.36047	65.316	49.381	159.91	1.2566	.62358	1.1382

#1	.00006	32.680	-.00014	-.00008	.00045	.04738	.11704	5.1630
#2	.00018	32.844	-.00052	-.00022	-.00006	.04621	.11827	5.2301
#3	.00017	32.616	-.00073	-.00025	.00009	.04674	.11697	5.2816

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00205	-.00177	24.344	-.00041	.00733	4.1748	.00079	.02745
Stddev	.00010	.00025	.180	.00037	.00006	.0638	.00007	.01173
%RSD	5.0167	14.128	.74088	90.502	.76426	1.5280	8.8414	42.725

#1	-.00196	-.00160	24.157	-.00042	.00739	4.1020	.00071	.02696
#2	-.00216	-.00166	24.516	-.00003	.00728	4.2210	.00083	.01597
#3	-.00202	-.00206	24.359	-.00077	.00732	4.2014	.00082	.03941

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2335	4.2512	-.00311	-.00163	.00191	.0042	.14801	3.0144
Stddev	.0023	.0403	.00055	.00132	.00186	.0009	.00044	.1615
%RSD	.18902	.94739	17.616	81.184	97.255	20.15	.29947	5.3574

#1	1.2344	4.2975	-.00352	-.00013	-.00015	.0037	.14761	3.0044
#2	1.2352	4.2319	-.00249	-.00213	.00346	.0038	.14848	2.8582
#3	1.2308	4.2242	-.00332	-.00262	.00243	.0052	.14793	3.1807

Sample Name: K1964-02LX5 Acquired: 3/25/2019 15:31:05 Type: Unk
Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	1.3541
%RSD	237.54

#1	.16404
#2	-2.1327
#3	.25849

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3760.5	46600.	2673.8	28.251	4013.2
Stddev	9.4	103.	19.1	.759	8.2
%RSD	.25062	.22098	.71273	2.6856	.20476

#1	3768.3	46719.	2652.3	27.550	4016.6
#2	3750.0	46532.	2688.8	29.057	4003.9
#3	3763.1	46549.	2680.2	28.147	4019.2

Sample Name: K1964-04 Acquired: 3/25/2019 15:35:30 Type: Unk
Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00255	.00053	.01712	.00154	-.00212	.09809	.15613
Stddev	.00346	.00010	.00063	.00387	.00009	.02588	.00105
%RSD	135.45	18.520	3.6540	251.63	4.2318	26.385	.66931

#1	.00134	.00046	.01784	.00600	-.00208	.08439	.15535
#2	-.00526	.00065	.01678	-.00078	-.00222	.12794	.15573
#3	-.00373	.00049	.01673	-.00061	-.00206	.08194	.15732

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00027	202.76	-.00058	-.00015	.00280	-.02114
Stddev	.00007	.00009	.78	.00031	.00014	.00034	.00061
%RSD	6573.9	33.578	.38504	52.261	92.799	11.965	2.8669

#1	-.00003	.00028	203.64	-.00024	-.00031	.00315	-.02049
#2	.00008	.00035	202.15	-.00084	-.00004	.00249	-.02168
#3	-.00005	.00017	202.50	-.00067	-.00010	.00276	-.02125

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37162	29.235	-.00396	-.00559	75.734	.00226	.07800
Stddev	.00066	.140	.00016	.00033	.206	.00029	.00078
%RSD	.17759	.47939	3.9223	5.9488	.27141	12.702	1.0054

#1	.37092	29.158	-.00391	-.00567	75.611	.00254	.07745
#2	.37224	29.150	-.00383	-.00587	75.618	.00225	.07766
#3	.37169	29.396	-.00413	-.00522	75.971	.00197	.07890

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.226	.00111	.10658	2.7418	F 26.667	-.00482	-.00435
Stddev	.119	.00008	.01285	.0164	.094	.00028	.00058
%RSD	.65518	6.8351	12.060	.59818	.35090	5.7476	13.277

#1	18.223	.00102	.10286	2.7263	26.775	-.00504	-.00411
#2	18.108	.00116	.09600	2.7402	26.616	-.00451	-.00501
#3	18.347	.00114	.12089	2.7589	26.610	-.00491	-.00393

Sample Name: K1964-04 Acquired: 3/25/2019 15:35:30 Type: Unk
 Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04817	.4613	.91130	3.1805	F<.00000
Stddev	.00263	.0049	.00227	.1767	1.2388
%RSD	5.4664	1.072	.24916	5.5550	48.236

#1	.05107	.4640	.91386	3.3844	-1.1825
#2	.04593	.4556	.90952	3.0840	-3.5684
#3	.04751	.4644	.91053	3.0730	-2.9539

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3642.1	45487.	2668.8	30.053	3749.9
Stddev	7.5	83.	11.2	.143	14.0
%RSD	.20585	.18306	.41925	.47567	.37278

#1	3645.0	45541.	2656.3	29.906	3759.4
#2	3647.7	45528.	2677.9	30.191	3756.4
#3	3633.6	45391.	2672.3	30.061	3733.8

Sample Name: K1951-01 Acquired: 3/25/2019 15:39:53 Type: Unk
Method: P4-ICP2(v2980) 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	.05260	-.01373	.77753	.10218	-.00785	118.81	.88769	.00876
Stddev	.00299	.00035	.00317	.00110	.00231	.79	.00366	.00051
%RSD	5.6755	2.5260	.40789	1.0774	29.394	.66669	.41206	5.7872
#1	.05605	-.01400	.77450	.10322	-.00674	119.71	.89191	.00838
#2	.05085	-.01334	.77727	.10103	-.00630	118.44	.88542	.00933
#3	.05091	-.01385	.78083	.10228	-.01050	118.26	.88574	.00856
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00364	175.44	.23917	.13622	.49094	210.10	4.6991	85.153
Stddev	.00014	.84	.00190	.00079	.00164	.11	.0079	.332
%RSD	3.8059	.47946	.79363	.58110	.33318	.05362	.16901	.38999
#1	.00365	174.52	.23940	.13584	.49038	210.23	4.7006	85.243
#2	.00349	176.17	.24095	.13569	.48966	210.05	4.7061	85.430
#3	.00376	175.64	.23717	.13713	.49278	210.02	4.6904	84.785
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35309	-.02684	10.513	.42951	1.9070	16.606	.00268	.27312
Stddev	.00263	.00050	.050	.00202	.0003	.105	.00015	.01175
%RSD	.74566	1.8689	.47901	.47086	.01738	.63308	5.4978	4.3010
#1	.35015	-.02712	10.571	.42921	1.9067	16.722	.00278	.26750
#2	.35389	-.02714	10.485	.43166	1.9070	16.579	.00251	.26523
#3	.35523	-.02626	10.482	.42765	1.9074	16.517	.00275	.28662
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.812	8.1093	.02610	3.9747	.19324	6.214	.20930	.87491
Stddev	.030	.0609	.00079	.0135	.00195	.011	.00066	.00431
%RSD	.21421	.75114	3.0370	.34018	1.0102	.1739	.31723	.49246
#1	13.786	8.0465	.02685	3.9742	.19103	6.206	.20870	.87172
#2	13.844	8.1131	.02616	3.9884	.19399	6.210	.21001	.87981
#3	13.807	8.1682	.02527	3.9614	.19471	6.227	.20918	.87321

Sample Name: K1951-01 Acquired: 3/25/2019 15:39:53 Type: Unk
 Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 211.00
 Stddev .43
 %RSD .20519

#1 210.94
 #2 211.46
 #3 210.60

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4015.5	49750.	2966.3	27.224	3540.5
Stddev	12.2	90.	14.5	1.152	3.8
%RSD	.30391	.18061	.48921	4.2325	.10771

#1	4012.5	49681.	2982.8	27.786	3542.5
#2	4005.0	49716.	2955.4	25.899	3536.1
#3	4028.9	49851.	2960.7	27.988	3542.8

Sample Name: K1951-03 Acquired: 3/25/2019 15:44:17 Type: Unk
Method: P4-ICP2(v2980) 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	.05635	-.01025	.65487	.09280	-.00445	106.26	.83952	.00814
Stddev	.00465	.00109	.00429	.00095	.00210	.52	.00221	.00017
%RSD	8.2541	10.647	.65449	1.0232	47.185	.48644	.26325	2.0912
#1	.05203	-.01142	.65302	.09388	-.00203	106.70	.83701	.00794
#2	.05574	-.00926	.65182	.09208	-.00583	106.40	.84034	.00826
#3	.06127	-.01008	.65977	.09245	-.00549	105.69	.84120	.00821
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00383	117.43	.23524	.12899	.45321	194.73	4.1919	48.867
Stddev	.00016	1.04	.00027	.00016	.00193	.54	.0095	.312
%RSD	4.2407	.88351	.11290	.12411	.42575	.27674	.22551	.63895
#1	-.00375	116.68	.23554	.12883	.45144	194.24	4.1963	49.129
#2	-.00402	118.62	.23503	.12899	.45293	195.31	4.1984	48.950
#3	-.00373	117.00	.23516	.12915	.45526	194.65	4.1811	48.521
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39221	-.02330	9.2136	.41079	1.0282	12.802	.00263	.24747
Stddev	.00150	.00056	.0210	.00058	.0020	.086	.00061	.01379
%RSD	.38281	2.3859	.22781	.14053	.19062	.67379	23.013	5.5741
#1	.39327	-.02319	9.1902	.41014	1.0305	12.817	.00230	.23203
#2	.39286	-.02391	9.2308	.41099	1.0273	12.880	.00333	.25183
#3	.39049	-.02281	9.2199	.41124	1.0269	12.709	.00226	.25856
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.5158	7.5040	.02281	3.5629	.17061	5.738	.20914	.53790
Stddev	.0065	.1130	.00056	.0248	.00524	.015	.00348	.12818
%RSD	.10040	1.5061	2.4483	.69467	3.0735	.2521	1.6622	23.829
#1	6.5123	7.4252	.02262	3.5698	.17170	5.747	.20796	.39053
#2	6.5234	7.6335	.02236	3.5835	.17522	5.722	.21305	.62338
#3	6.5119	7.4533	.02343	3.5355	.16491	5.746	.20640	.59980

Sample Name: K1951-03 Acquired: 3/25/2019 15:44:17 Type: Unk
 Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 193.06
Stddev	1.84
%RSD	.95459

#1	191.84
#2	195.18
#3	192.16

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4096.8	50704.	2984.5	27.357	3652.7
Stddev	9.6	45.	26.4	.753	7.2
%RSD	.23429	.08827	.88307	2.7521	.19706

#1	4095.6	50692.	3000.4	26.871	3646.0
#2	4087.8	50666.	2954.1	26.975	3651.7
#3	4106.9	50753.	2999.0	28.224	3660.3

Sample Name: K1694-02 Acquired: 3/25/2019 15:48:41 Type: Unk
Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00345	-.00593	.00826	.00274	-.00257	.06109	.08848
Stddev	.00181	.00234	.00068	.00621	.00098	.00739	.00131
%RSD	52.505	39.405	8.2088	226.37	38.238	12.097	1.4752

#1	-.00222	-.00633	.00799	-.00311	-.00352	.06855	.08781
#2	-.00261	-.00342	.00776	.00209	-.00264	.06096	.08766
#3	-.00554	-.00805	.00903	.00925	-.00155	.05377	.08999

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00010	20.493	.00035	.00545	.00576	.55579
Stddev	.00018	.00004	.125	.00043	.00012	.00055	.00352
%RSD	287.48	37.572	.61116	123.01	2.2705	9.5912	.63360

#1	-.00025	.00012	20.356	.00007	.00559	.00615	.55807
#2	.00011	.00006	20.602	.00084	.00541	.00513	.55173
#3	-.00005	.00012	20.521	.00014	.00535	.00601	.55756

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.62417	2.4755	.00011	-.00121	294.72	-.00155	.04571
Stddev	.00120	.0233	.00027	.00031	.56	.00038	.00016
%RSD	.19260	.93903	243.18	25.322	.18871	24.397	.35896

#1	.62483	2.4563	.00037	-.00144	295.10	-.00192	.04552
#2	.62279	2.4689	.00014	-.00133	294.08	-.00155	.04579
#3	.62491	2.5013	-.00017	-.00086	294.98	-.00117	.04582

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40449	.00030	.00671	.37119	.87948	-.00339	.00110
Stddev	.09715	.00032	.01131	.00457	.00780	.00082	.00397
%RSD	24.017	104.30	168.61	1.2311	.88654	24.200	362.81

#1	.50466	.00047	.01965	.37592	.88742	-.00252	.00510
#2	.31068	-.00006	-.00123	.37087	.87919	-.00416	-.00284
#3	.39812	.00050	.00170	.36680	.87184	-.00350	.00103

Sample Name: K1694-02 Acquired: 3/25/2019 15:48:41 Type: Unk
 Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00886	.0030	.07183	4.4450	F<.00000
Stddev	.00157	.0012	.00048	.0472	1.3879
%RSD	17.656	40.78	.66444	1.0623	17.270

#1	-.01059	.0017	.07173	4.3930	-7.4347
#2	-.00755	.0031	.07141	4.4565	-7.0516
#3	-.00845	.0041	.07235	4.4853	-9.6241

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3594.2	44303.	2580.3	27.052	3654.0
Stddev	11.9	164.	10.1	1.301	12.0
%RSD	.33106	.36920	.39040	4.8106	.32826

#1	3581.4	44136.	2569.4	26.059	3640.3
#2	3596.4	44463.	2582.4	26.570	3659.0
#3	3604.9	44311.	2589.2	28.525	3662.6

Sample Name: K1694-04 Acquired: 3/25/2019 15:53:09 Type: Unk
Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00219	-.00345	.02359	.00475	-.00025	.07065	.11773
Stddev	.00134	.00065	.00053	.00362	.00075	.01725	.00163
%RSD	60.971	18.792	2.2543	76.261	294.42	24.421	1.3835

#1	-.00153	-.00391	.02370	.00832	-.00028	.05293	.11607
#2	-.00132	-.00271	.02301	.00485	-.00098	.07162	.11779
#3	-.00373	-.00373	.02405	.00108	.00051	.08740	.11933

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00027	16.171	.00039	.00454	.00978	.47375
Stddev	.00010	.00001	.052	.00027	.00002	.00017	.00320
%RSD	869.85	3.3654	.32162	69.480	.36649	1.7527	.67503

#1	.00010	.00027	16.111	.00012	.00455	.00958	.47653
#2	-.00003	.00026	16.193	.00039	.00455	.00988	.47445
#3	-.00010	.00028	16.208	.00065	.00452	.00989	.47025

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53916	1.0307	.00103	-.00118	350.04	-.00147	.03961
Stddev	.00067	.0458	.00029	.00009	2.09	.00031	.00022
%RSD	.12363	4.4422	28.338	7.3548	.59825	21.153	.55728

#1	.53881	.98227	.00075	-.00128	351.89	-.00115	.03965
#2	.53993	1.0733	.00101	-.00113	350.48	-.00149	.03981
#3	.53875	1.0367	.00133	-.00113	347.77	-.00176	.03938

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71462	.00015	.02321	.24992	1.0932	-.00248	.00065
Stddev	.04390	.00008	.01198	.00108	.0083	.00071	.00182
%RSD	6.1432	51.996	51.618	.43286	.75717	28.722	281.97

#1	.66609	.00022	.01333	.24945	1.1024	-.00320	.00012
#2	.72622	.00017	.03653	.24914	1.0864	-.00178	.00267
#3	.75156	.00006	.01976	.25115	1.0908	-.00246	-.00085

Sample Name: K1694-04 Acquired: 3/25/2019 15:53:09 Type: Unk
Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00116	.0020	.06969	4.5653	F<.00000
Stddev	.00268	.0008	.00035	.1353	.13421
%RSD	231.80	39.46	.50771	2.9637	2.4755

#1	-.00387	.0017	.06931	4.4214	-5.3161
#2	-.00109	.0014	.07000	4.6899	-5.3761
#3	.00149	.0029	.06976	4.5847	-5.5727

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3583.5	44323.	2589.0	28.572	3637.4
Stddev	9.7	155.	26.5	.171	11.2
%RSD	.27118	.34942	1.0250	.59938	.30840

#1	3572.5	44391.	2578.3	28.658	3627.1
#2	3590.8	44146.	2569.5	28.683	3635.7
#3	3587.2	44433.	2619.2	28.375	3649.4

Sample Name: K1694-06 Acquired: 3/25/2019 15:57:42 Type: Unk
Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00270	-.00377	.02382	.00438	-.00220	.04434	.10032
Stddev	.00184	.00144	.00076	.00078	.00258	.01301	.00155
%RSD	68.085	38.276	3.2104	17.752	117.18	29.336	1.5484

#1	-.00090	-.00542	.02295	.00528	-.00463	.05145	.10145
#2	-.00457	-.00309	.02410	.00387	-.00249	.02933	.10096
#3	-.00263	-.00279	.02440	.00400	.00051	.05225	.09855

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00013	16.471	-.00005	.00360	.00419	1.2107
Stddev	.00007	.00008	.040	.00032	.00028	.00049	.0019
%RSD	95.084	59.453	.24448	641.70	7.7762	11.766	.15247

#1	-.00013	.00014	16.425	-.00006	.00328	.00385	1.2088
#2	-.00011	.00005	16.499	.00027	.00380	.00476	1.2125
#3	.00001	.00021	16.489	-.00036	.00371	.00397	1.2107

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74592	.78217	.00017	-.00124	305.16	-.00176	.05526
Stddev	.00079	.03797	.00026	.00061	1.49	.00041	.00033
%RSD	.10594	4.8548	153.60	48.988	.48979	23.243	.60283

#1	.74563	.76868	-.00012	-.00091	306.87	-.00215	.05488
#2	.74531	.82505	.00026	-.00195	304.57	-.00133	.05552
#3	.74681	.75278	.00038	-.00088	304.06	-.00180	.05537

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63139	.00018	.01243	.21978	.82609	-.00327	.00180
Stddev	.03719	.00039	.01083	.00329	.00697	.00122	.00217
%RSD	5.8901	215.19	87.099	1.4960	.84388	37.251	120.32

#1	.66216	.00062	.00658	.21898	.81972	-.00435	.00249
#2	.64193	-.00008	.00578	.22340	.82502	-.00195	.00355
#3	.59006	-.00001	.02492	.21697	.83354	-.00349	-.00063

Sample Name: K1694-06 Acquired: 3/25/2019 15:57:42 Type: Unk
Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00090	.0077	.08852	4.6007	F<.00000
Stddev	.00209	.0007	.00040	.1511	.48781
%RSD	230.87	9.576	.45279	3.2838	6.8126

#1	-.00147	.0086	.08853	4.7645	-6.9290
#2	.00173	.0075	.08892	4.5709	-6.8313
#3	.00245	.0072	.08812	4.4668	-7.7208

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3574.6	44449.	2597.6	28.177	3654.5
Stddev	20.2	138.	15.7	.739	16.6
%RSD	.56547	.31104	.60365	2.6216	.45422

#1	3585.6	44327.	2604.5	28.965	3666.4
#2	3551.2	44421.	2608.7	28.067	3635.5
#3	3586.9	44599.	2579.7	27.500	3661.5

Sample Name: K1964-02MS Acquired: 3/25/2019 16:02:14 Type: Unk
Method: P4-ICP2(v2980) 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	.75026	1.8257	.92099	1.8897	.76044	1.6084	.35462	.19801
Stddev	.00108	.0056	.00306	.0134	.00185	.0226	.00500	.00030
%RSD	.14346	.30863	.33248	.70740	.24353	1.4052	1.4088	.15037
#1	.74956	1.8199	.91956	1.8754	.75840	1.6167	.35381	.19834
#2	.75150	1.8259	.91890	1.8917	.76202	1.5828	.35007	.19777
#3	.74972	1.8312	.92450	1.9020	.76091	1.6256	.35997	.19794
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18250	149.78	.36762	.18719	.28471	2.9723	.70391	25.787
Stddev	.00070	1.42	.00150	.00109	.00127	.0042	.00238	.235
%RSD	.38615	.94710	.40864	.58033	.44566	.14162	.33868	.90976
#1	.18174	150.60	.36910	.18657	.28466	2.9678	.70503	25.719
#2	.18263	150.59	.36765	.18656	.28346	2.9762	.70117	25.594
#3	.18313	148.14	.36610	.18845	.28600	2.9729	.70552	26.049
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45065	.06341	121.91	.27997	.23724	30.769	.37540	.34782
Stddev	.00137	.00020	.87	.00179	.00084	.330	.00163	.01483
%RSD	.30502	.31099	.71047	.63831	.35407	1.0710	.43547	4.2623
#1	.45009	.06360	121.22	.28081	.23627	30.641	.37489	.35560
#2	.44964	.06341	121.63	.27792	.23780	30.523	.37409	.33073
#3	.45221	.06321	122.88	.28119	.23765	31.143	.37723	.35714
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.2726	F 20.599	.63347	.16815	.27617	5.600	.85324	4.0320
Stddev	.0369	.273	.00199	.00325	.00055	.028	.00710	.1352
%RSD	.58858	1.3261	.31399	1.9332	.19993	.5038	.83267	3.3531
#1	6.2435	20.810	.63153	.16961	.27556	5.567	.85885	3.9874
#2	6.2601	20.698	.63336	.17041	.27662	5.613	.85561	4.1839
#3	6.3141	20.291	.63550	.16442	.27634	5.619	.84525	3.9248

Sample Name: K1964-02MS Acquired: 3/25/2019 16:02:14 Type: Unk
Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	1.0079
%RSD	4950.9

#1	-1.1301
#2	.23095
#3	.83809

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3646.2	45638.	2635.7	28.073	3734.1
Stddev	9.6	86.	32.3	.969	14.7
%RSD	.26311	.18852	1.2262	3.4534	.39441

#1	3657.1	45677.	2611.1	28.155	3751.0
#2	3639.0	45697.	2623.6	27.065	3724.1
#3	3642.5	45539.	2672.3	28.999	3727.1

Sample Name: K1964-02MSD Acquired: 3/25/2019 16:06:21 Type: Unk
Method: P4-ICP2(v2980) 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	.74536	1.8041	.91442	1.8796	.75796	1.5753	.34974	.19558
Stddev	.00986	.0130	.00321	.0090	.00347	.0219	.00145	.00062
%RSD	1.3232	.72228	.35073	.47924	.45837	1.3908	.41439	.31942
#1	.74373	1.8189	.91805	1.8781	.75582	1.5858	.35140	.19589
#2	.75594	1.7991	.91197	1.8893	.76197	1.5501	.34871	.19487
#3	.73641	1.7944	.91325	1.8715	.75609	1.5899	.34911	.19600
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18042	147.44	.36456	.18541	.28292	2.9360	.70155	25.121
Stddev	.00075	.91	.00170	.00054	.00349	.0097	.00274	.137
%RSD	.41754	.61967	.46589	.28988	1.2344	.33055	.39010	.54674
#1	.18117	148.28	.36626	.18557	.28289	2.9471	.70416	25.278
#2	.18044	147.58	.36287	.18584	.28643	2.9318	.69870	25.055
#3	.17966	146.46	.36455	.18481	.27945	2.9291	.70179	25.028
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44487	.06294	120.70	.27634	.23631	30.601	.37379	.33536
Stddev	.00074	.00022	.32	.00120	.00064	.208	.00271	.02009
%RSD	.16584	.35615	.26220	.43280	.27269	.68112	.72628	5.9920
#1	.44572	.06286	121.03	.27505	.23704	30.841	.37345	.34125
#2	.44451	.06276	120.66	.27656	.23582	30.498	.37667	.35185
#3	.44438	.06319	120.41	.27741	.23608	30.464	.37127	.31298
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.1936	F 20.477	.62576	.16333	.27493	5.535	.84576	3.9559
Stddev	.0156	.093	.00330	.00338	.00365	.025	.00426	.2167
%RSD	.25186	.45205	.52797	2.0674	1.3282	.4500	.50408	5.4778
#1	6.2076	20.583	.62885	.16517	.27908	5.563	.85050	4.0365
#2	6.1964	20.413	.62615	.15944	.27219	5.525	.84454	4.1207
#3	6.1768	20.435	.62228	.16539	.27352	5.516	.84224	3.7104

Sample Name: K1964-02MSD Acquired: 3/25/2019 16:06:21 Type: Unk
Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.58349
Stddev	.16274
%RSD	27.892

#1	.41321
#2	.73747
#3	.59979

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3600.9	44933.	2593.6	26.903	3708.4
Stddev	8.5	164.	14.6	1.757	20.1
%RSD	.23576	.36502	.56303	6.5291	.54149

#1	3610.6	44810.	2579.5	26.442	3698.8
#2	3595.0	44870.	2592.6	25.423	3731.5
#3	3597.0	45119.	2608.7	28.844	3695.0

Sample Name: K1964-02A Acquired: 3/25/2019 16:10:27 Type: Unk
Method: P4-ICP2(v2980) 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	.75520	1.8245	.92386	1.8903	.76723	1.6265	.35443	.19708
Stddev	.00293	.0116	.00291	.0117	.00164	.0128	.00108	.00059
%RSD	.38738	.63690	.31524	.62061	.21400	.78484	.30558	.29844
#1	.75782	1.8118	.92350	1.8820	.76592	1.6399	.35539	.19645
#2	.75574	1.8347	.92694	1.9037	.76907	1.6252	.35325	.19761
#3	.75205	1.8269	.92114	1.8853	.76670	1.6144	.35463	.19717
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18272	148.04	.36621	.18749	.28438	2.9474	.70546	25.380
Stddev	.00081	.46	.00089	.00070	.00110	.0087	.00230	.202
%RSD	.44440	.31056	.24410	.37375	.38829	.29545	.32597	.79753
#1	.18187	148.17	.36560	.18668	.28468	2.9374	.70342	25.511
#2	.18349	147.53	.36579	.18791	.28530	2.9514	.70796	25.147
#3	.18279	148.43	.36723	.18788	.28315	2.9534	.70501	25.483
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44920	.06421	121.73	.27928	.23803	30.920	.37614	.34653
Stddev	.00039	.00087	.36	.00139	.00081	.134	.00159	.01328
%RSD	.08614	1.3566	.29491	.49601	.34208	.43392	.42213	3.8326
#1	.44891	.06366	121.51	.27842	.23710	30.989	.37456	.36163
#2	.44906	.06377	122.15	.27855	.23857	31.006	.37774	.33663
#3	.44964	.06522	121.54	.28088	.23843	30.765	.37611	.34135
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.2877	F 20.584	.63310	.16792	.27778	5.602	.85122	3.7838
Stddev	.0214	.069	.00264	.00215	.00313	.014	.00165	.0724
%RSD	.34050	.33435	.41694	1.2825	1.1264	.2465	.19398	1.9126
#1	6.2677	20.537	.63042	.16586	.28058	5.596	.85226	3.7335
#2	6.3103	20.553	.63569	.17016	.27440	5.618	.84932	3.8668
#3	6.2851	20.663	.63320	.16774	.27836	5.593	.85209	3.7512

Sample Name: K1964-02A Acquired: 3/25/2019 16:10:27 Type: Unk
 Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.75003
Stddev	1.5863
%RSD	211.49

#1	2.5546
#2	-.42387
#3	.11933

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3608.0	45062.	2610.6	27.211	3695.3
Stddev	3.2	131.	7.8	1.222	11.1
%RSD	.08789	.28970	.29982	4.4927	.30091

#1	3611.6	45195.	2613.1	28.348	3707.8
#2	3605.6	44935.	2616.9	27.368	3691.7
#3	3606.8	45056.	2601.9	25.918	3686.4

Sample Name: CCV04 Acquired: 3/25/2019 16:14:33 Type: Unk
Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1667	5.2310	5.1873	5.1253	5.1923	9.9034	9.5718	.25946
Stddev	.0170	.0086	.0101	.0295	.0162	.0511	.0340	.00016
%RSD	.32966	.16539	.19468	.57450	.31172	.51602	.35512	.06025
#1	5.1863	5.2214	5.1832	5.1110	5.1855	9.8458	9.5548	.25930
#2	5.1567	5.2337	5.1799	5.1592	5.2108	9.9209	9.5497	.25961
#3	5.1570	5.2380	5.1988	5.1059	5.1807	9.9434	9.6110	.25945
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5915	25.001	1.0121	2.5801	1.2780	5.0696	2.5307	25.434
Stddev	.0028	.130	.0019	.0027	.0034	.0087	.0130	.103
%RSD	.10665	.52193	.18347	.10493	.26257	.17128	.51418	.40444
#1	2.5901	25.088	1.0104	2.5791	1.2754	5.0599	2.5188	25.377
#2	2.5897	25.065	1.0118	2.5781	1.2818	5.0767	2.5286	25.553
#3	2.5947	24.851	1.0140	2.5832	1.2768	5.0722	2.5446	25.372
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5177	1.2704	24.761	2.4820	2.6174	25.459	5.1923	F 3.6653
Stddev	.0004	.0004	.131	.0041	.0015	.052	.0096	.0158
%RSD	.01640	.02721	.52922	.16673	.05835	.20275	.18568	.43050
#1	2.5172	1.2703	24.654	2.4778	2.6178	25.400	5.1928	3.6472
#2	2.5179	1.2701	24.722	2.4860	2.6186	25.494	5.2017	3.6759
#3	2.5179	1.2708	24.908	2.4822	2.6157	25.484	5.1824	3.6728
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1573	F 6.1845	5.1519	4.8151	F 5.6331	5.146	5.0885	F 3.7240
Stddev	.0153	.0218	.0069	.0259	.0280	.007	.0166	.2762
%RSD	.29567	.35321	.13483	.53843	.49675	.1462	.32598	7.4162
#1	5.1643	6.1902	5.1453	4.8321	5.6503	5.151	5.1034	3.9751
#2	5.1398	6.2030	5.1514	4.8280	5.6482	5.137	5.0914	3.7688
#3	5.1678	6.1604	5.1591	4.7853	5.6008	5.149	5.0706	3.4282

Sample Name: CCV04 Acquired: 3/25/2019 16:14:33 Type: Unk
Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.5367
Stddev 1.3745
%RSD 54.183

#1 1.1812
#2 2.4996
#3 3.9294

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3664.6	45194.	2582.5	26.675	3714.6
Stddev	6.6	89.	17.3	2.006	5.5
%RSD	.18142	.19744	.67158	7.5218	.14819

#1	3660.7	45136.	2567.3	25.904	3709.2
#2	3660.8	45297.	2578.7	28.952	3720.2
#3	3672.3	45148.	2601.4	25.168	3714.4

Sample Name: CCB04 Acquired: 3/25/2019 16:18:31 Type: Unk
Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00173	.00196	.00224	.00031	.00031	-.06987	.00315
Stddev	.00036	.00155	.00065	.00084	.00109	.01805	.00036
%RSD	20.699	78.889	29.200	267.12	352.72	25.832	11.477

#1	-.00153	.00341	.00170	.00105	.00148	-.09060	.00276
#2	-.00152	.00033	.00296	.00049	-.00067	-.06130	.00322
#3	-.00215	.00214	.00205	-.00060	.00011	-.05770	.00347

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00016	-.00016	.00009	-.00018	-.00077	.00021
Stddev	.00003	.00016	.02169	.00028	.00019	.00025	.00084
%RSD	45.458	94.776	13460.	298.74	109.16	32.693	407.54

#1	-.00009	-.00002	-.02520	-.00005	-.00037	-.00104	.00072
#2	-.00003	.00025	.01294	-.00008	.00002	-.00073	-.00076
#3	-.00009	.00026	.01178	.00041	-.00018	-.00054	.00066

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	-.00452	-.00047	-.00046	-.54124	.00016	-.00053
Stddev	.00003	.02698	.00039	.00043	.00879	.00021	.00016
%RSD	19.367	596.43	82.016	93.222	1.6243	129.43	29.951

#1	.00021	-.03431	-.00013	-.00032	-.54973	.00014	-.00051
#2	.00016	.01829	-.00090	-.00095	-.53218	-.00004	-.00039
#3	.00015	.00245	-.00039	-.00012	-.54182	.00038	-.00071

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.19214	-.00023	.00133	F -.03621	.01115	-.00251	.00003
Stddev	.05482	.00018	.00748	.00140	.00116	.00104	.00073
%RSD	28.533	76.046	562.74	3.8625	10.428	41.277	2209.9

#1	-.13508	-.00027	.00992	-.03663	.01247	-.00367	-.00070
#2	-.24441	-.00004	-.00378	-.03465	.01026	-.00167	.00077
#3	-.19694	-.00039	-.00215	-.03735	.01074	-.00220	.00003

Sample Name: CCB04 Acquired: 3/25/2019 16:18:31 Type: Unk
 Method: P4-ICP2(v2980) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01286	-.0011	.00001	F 1.2110	F<.00000
Stddev	.00208	.0001	.00013	.1476	.90199
%RSD	16.173	7.839	1595.7	12.188	84.873

#1	-.01116	-.0012	-.00014	1.0446	-2.1002
#2	-.01224	-.0011	.00007	1.2621	-.46424
#3	-.01518	-.0010	.00009	1.3263	-.62381

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3829.8	47336.	2586.4	27.503	4216.3
Stddev	4.5	81.	15.8	.641	2.7
%RSD	.11746	.17013	.61004	2.3314	.06442

#1	3827.5	47279.	2574.2	28.233	4213.2
#2	3835.0	47428.	2580.7	27.242	4217.7
#3	3826.9	47301.	2604.2	27.033	4218.1