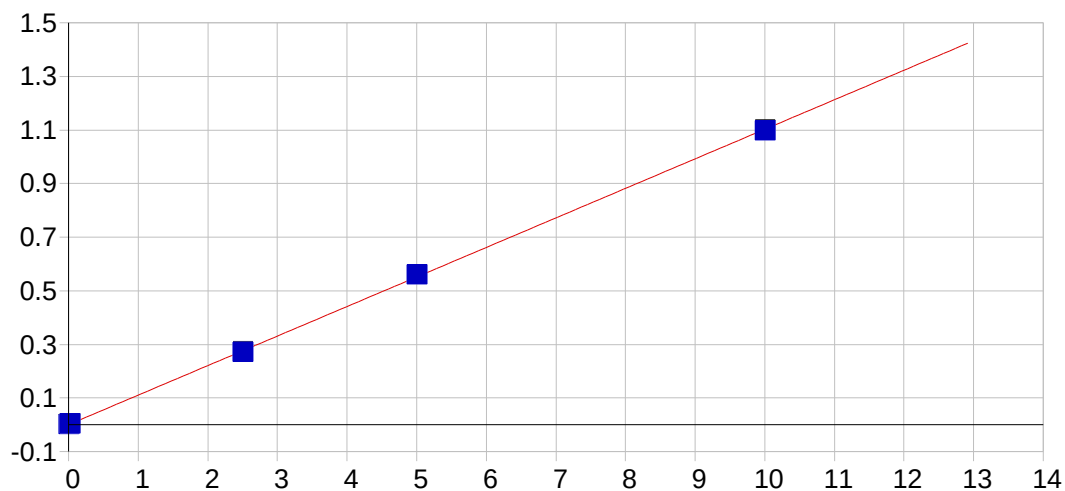


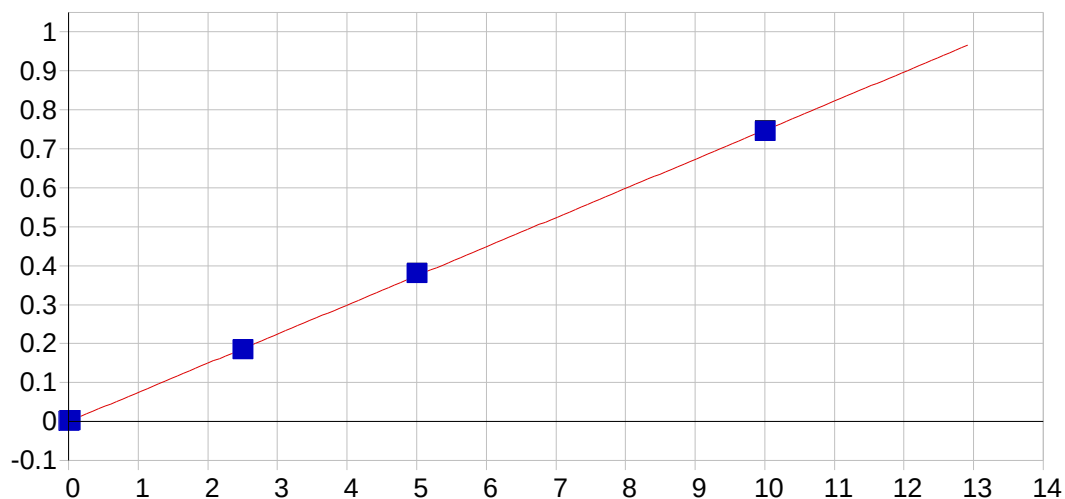


As 189.042 {478}

Date of Fit: 12/29/2018 15:09:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000168 Re-Slope: 1.000000
 A1 (Gain): 0.110172 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999945 Status: OK.
 Std Error of Est: 0.000028
 Predicted MDL: 0.002024
 Predicted MQL: 0.006748

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00017	.000	1
S1	.02000	.01919	-.001	-4.06	.00195	.000	1
S3	2.5000	2.4620	-.038	-1.52	.27105	.001	1
S4	5.0000	5.0766	.077	1.53	.55909	.001	1
S5	10.000	9.9623	-.038	-.377	1.0973	.002	1



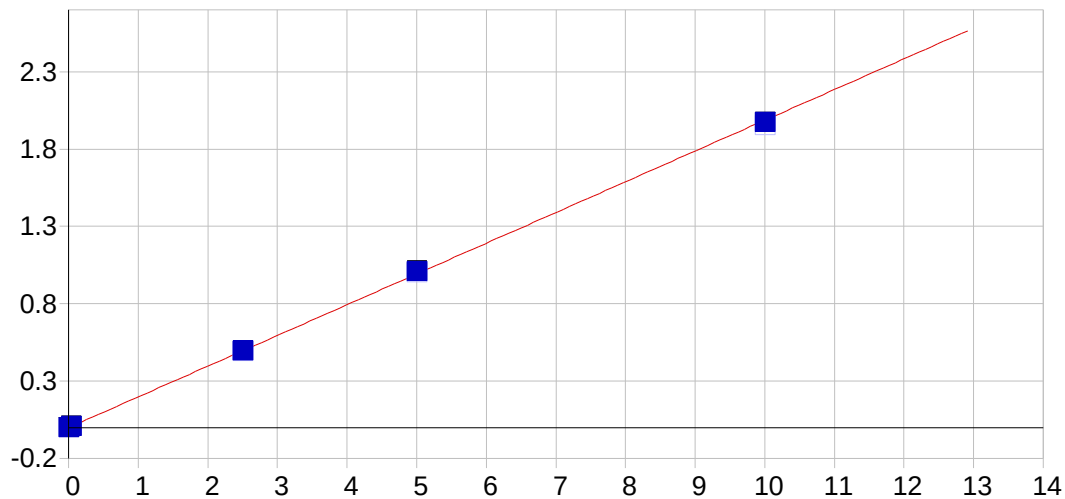
As 189.042 {479}

Date of Fit: 12/29/2018 15:09:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000004 Re-Slope: 1.000000

A1 (Gain): 0.074776 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.001930
 Predicted MQL: 0.006434

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00000	.000	1
S1	.02000	.02001	.000	.046	.00149	.000	1
S3	2.5000	2.4696	-.030	-1.21	.18467	.000	1
S4	5.0000	5.0691	.069	1.38	.37905	.001	1
S5	10.000	9.9612	-.039	-.388	.74487	.001	1

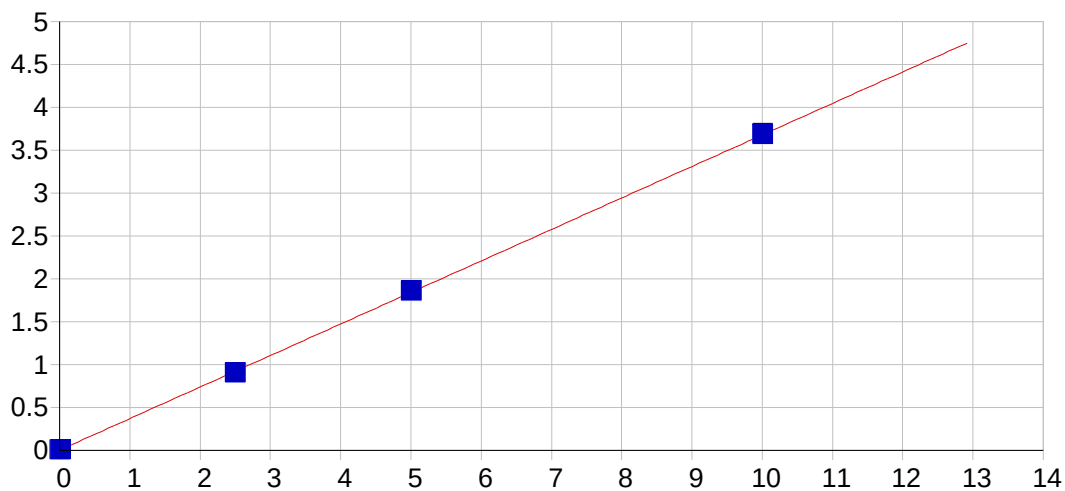


TI 190.856 {477}

Date of Fit: 12/29/2018 15:09:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001002 Re-Slope: 1.000000
 A1 (Gain): 0.198715 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999914 Status: OK.
 Std Error of Est: 0.000088
 Predicted MDL: 0.000932
 Predicted MQL: 0.003107

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00100	.000	1
S1	.04000	.04629	.006	15.7	.00799	.000	1
S3	2.5000	2.4907	-.009	-.372	.48884	.000	1
S4	5.0000	5.0811	.081	1.62	.99850	.002	1
S5	10.000	9.9220	-.078	-.780	1.9503	.001	1

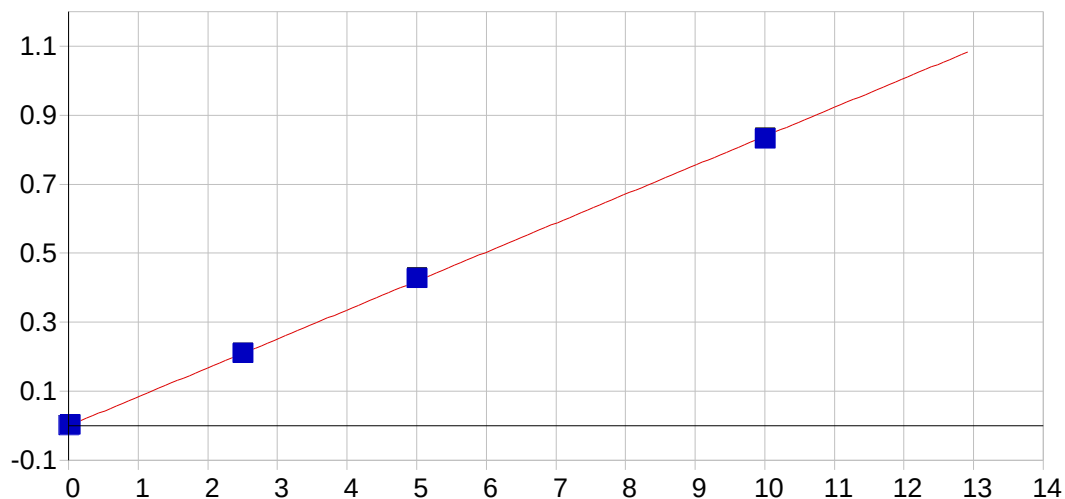


Pb 220.353 {453}

Date of Fit: 12/29/2018 15:09:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004097 Re-Slope: 1.000000
 A1 (Gain): 0.367450 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953 Status: OK.
 Std Error of Est: 0.000066
 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	.00410	.000	1
S1	.01200	.01166	-.000	-2.79	.00830	.000	1
S3	2.5000	2.4429	-.057	-2.28	.90048	.003	1
S4	5.0000	5.0372	.037	.744	1.8525	.002	1
S5	10.000	10.020	.020	.202	3.6810	.006	1



Se 196.090 {472}

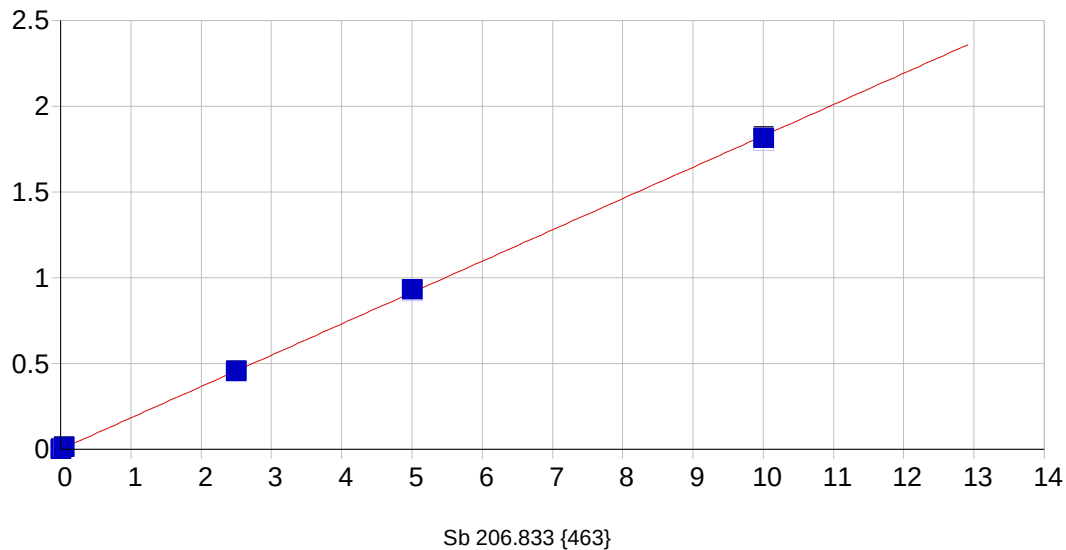
Date of Fit: 12/29/2018 15:09:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000066 Re-Slope: 1.000000
 A1 (Gain): 0.083882 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999926
 Std Error of Est: 0.000025
 Predicted MDL: 0.002432
 Predicted MQL: 0.008106

Status: OK.

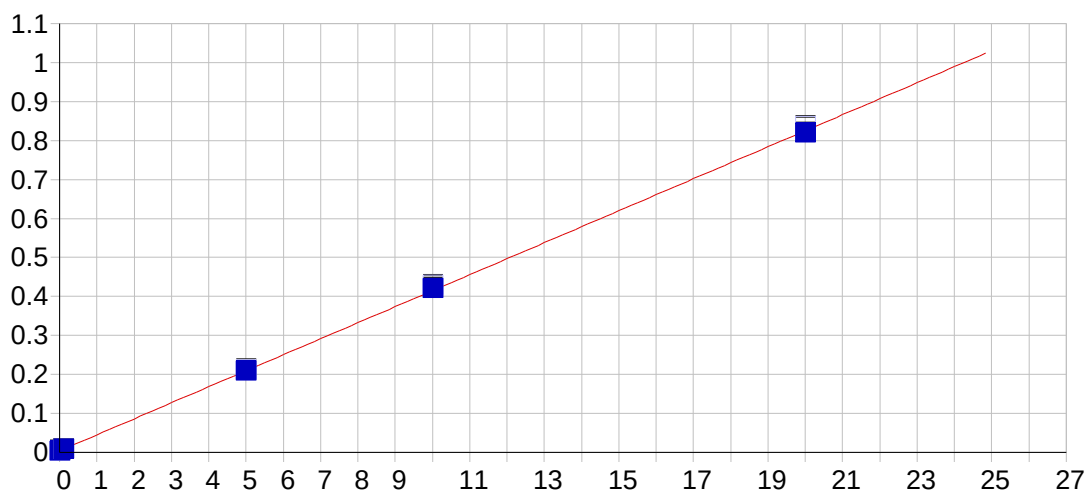
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00007	.000	1
S1	.02000	.01974	-.000	-1.28	.00172	.000	1
S3	2.5000	2.4950	-.005	-.199	.20933	.001	1
S4	5.0000	5.0941	.094	1.88	.42732	.000	1
S5	10.000	9.9111	-.089	-.889	.83133	.001	1



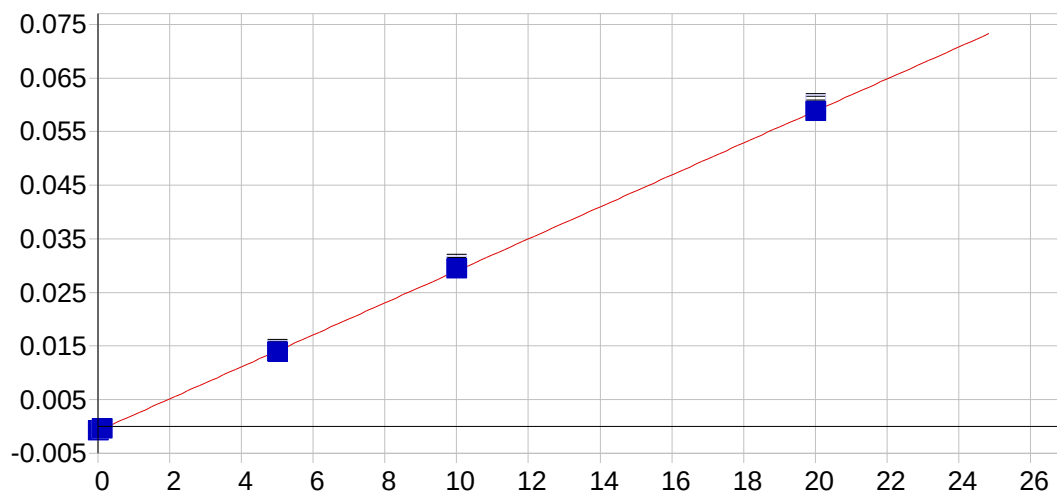
Date of Fit: 12/29/2018 15:09:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000551 Re-Slope: 1.000000
 A1 (Gain): 0.182657 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999920 Status: OK.
 Std Error of Est: 0.000087
 Predicted MDL: 0.001370
 Predicted MQL: 0.004568

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00055	.000	1
S1	.05000	.05686	.007	13.7	.01071	.000	1
S3	2.5000	2.4811	-.019	-.756	.44861	.001	1
S4	5.0000	5.0781	.078	1.56	.91783	.001	1
S5	10.000	9.9341	-.066	-.659	1.7945	.005	1



AI 308.215 {109}							
Date of Fit:		12/29/2018 15:09:42		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):		0.004073		Re-Slope:		1.000000	
A1 (Gain):		0.041058		Y-int:		0.000000	
A2 (Curvature):		0.000000					
n (Exponent):		1.000000					
Correlation:		0.999945		Status:	OK.		
Std Error of Est:		0.000034					
Predicted MDL:		0.002654					
Predicted MQL:		0.008846					
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00407	.000	1
S1	.10000	.11102	.011	11.0	.00892	.000	1
S3	5.0000	4.9778	-.022	-.445	.21254	.000	1
S4	10.000	10.138	.138	1.38	.42850	.001	1
S5	20.000	19.872	-.128	-.638	.83635	.002	1

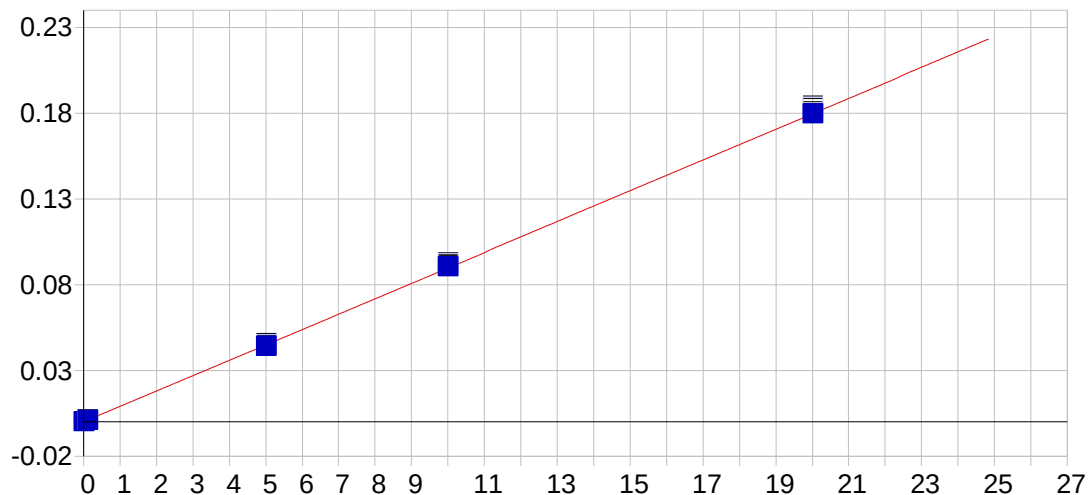


AI 309.271 {109}					
Date of Fit:	12/29/2018 15:09:42	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	-0.000807		Re-Slope:	1.000000	
A1 (Gain):	0.002982		Y-int:	0.000000	

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960
 Std Error of Est: 0.000002
 Predicted MDL: 0.024448
 Predicted MQL: 0.081493

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00081	.000	1
S1	.10000	.10697	.007	6.97	-.00047	.000	1
S3	5.0000	4.9163	-.084	-1.67	.01415	.000	1
S4	10.000	10.102	.102	1.02	.02991	.000	1
S5	20.000	19.975	-.025	-.126	.05995	.000	1

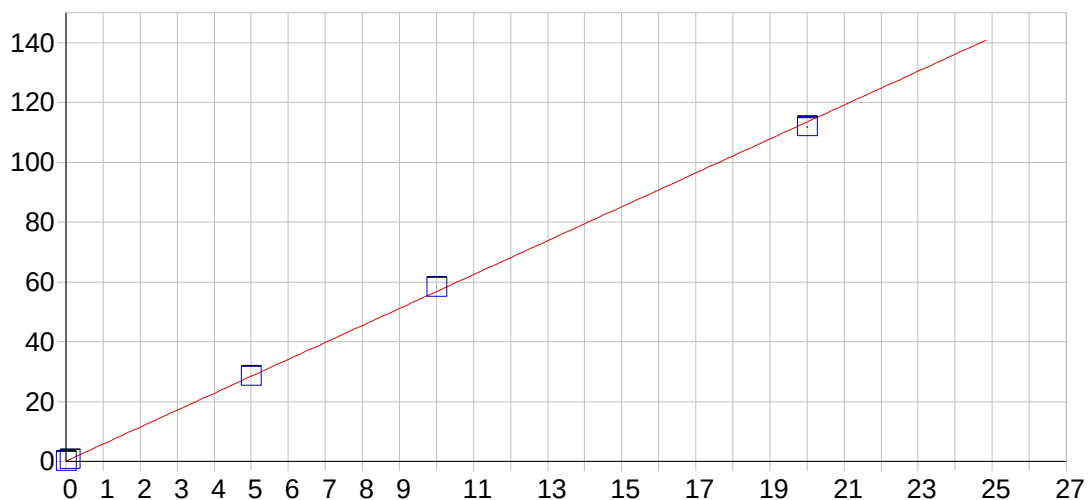


AI 396.152 { 85}

Date of Fit: 12/29/2018 15:09:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000034 Re-Slope: 1.000000
 A1 (Gain): 0.008985 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999946 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.011724
 Predicted MQL: 0.039079

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00003	.000	1
S1	.10000	.11327	.013	13.3	.00105	.000	1
S3	5.0000	4.9095	-.091	-1.81	.04497	.001	1
S4	10.000	10.073	.073	.726	.09226	.001	1
S5	20.000	20.004	.004	.020	.18329	.001	1

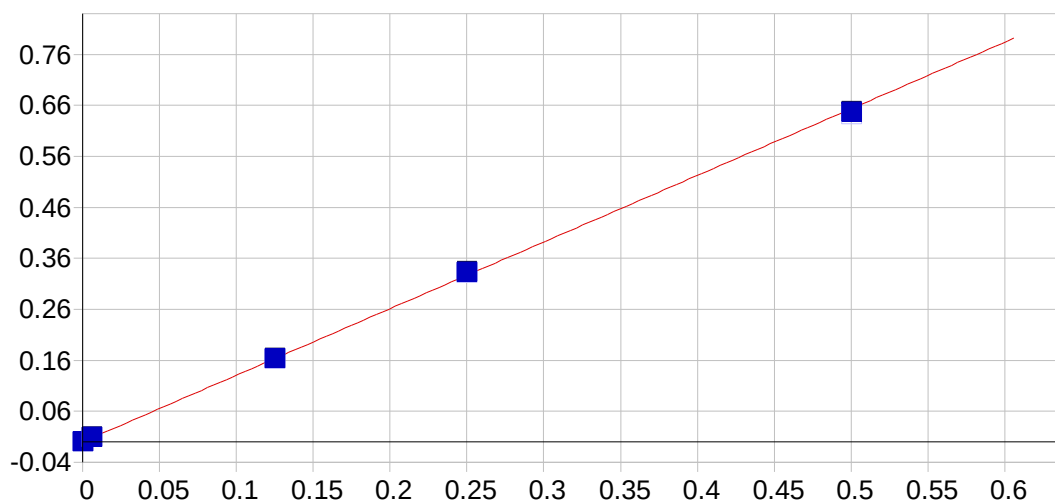


Ba 493.409 { 68}

Date of Fit: 12/29/2018 15:09:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.104997 Re-Slope: 1.000000
 A1 (Gain): 5.667283 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999816 Status: OK.
 Std Error of Est: 0.008307
 Predicted MDL: 0.000596
 Predicted MQL: 0.001986

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.10492	.005	1
S1	.10000	.11256	.013	12.6	.74292	.004	1
S3	5.0000	5.0092	.009	.184	28.493	.076	1
S5	20.000	19.711	-.289	-1.44	111.81	.404	1
S4	10.000	10.267	.267	2.67	58.292	.178	1



Be 234.861 {144}

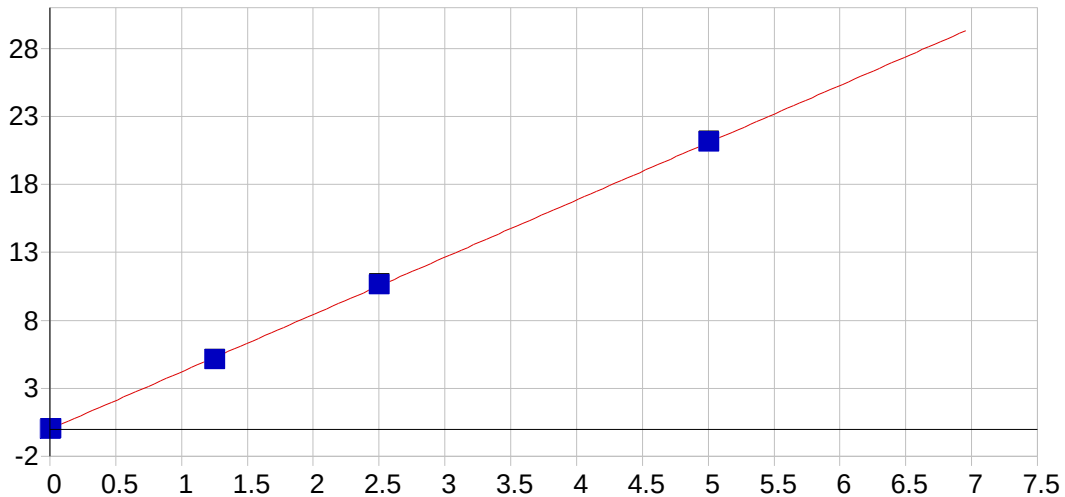
Date of Fit: 12/29/2018 15:09:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000014 Re-Slope: 1.000000
 A1 (Gain): 1.306868 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999887
 Std Error of Est: 0.000058
 Predicted MDL: 0.000054
 Predicted MQL: 0.000181

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00001	.000	1
S1	.00600	.00649	.000	8.24	.00839	.000	1
S3	.12500	.12529	.000	.231	.16269	.000	1
S4	.25000	.25481	.005	1.93	.33094	.001	1
S5	.50000	.49441	-.006	-1.12	.64200	.002	1

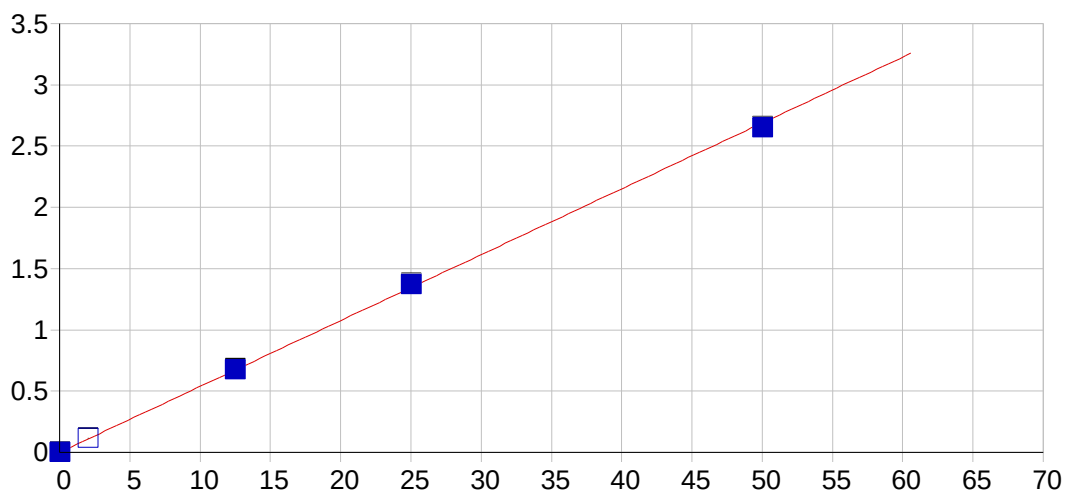


Cd 226.502 {449}

Date of Fit: 12/29/2018 15:09:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001066 Re-Slope: 1.000000
 A1 (Gain): 4.213510 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999930 Status: OK.
 Std Error of Est: 0.000468
 Predicted MDL: 0.000072
 Predicted MQL: 0.000239

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00107	.000	1
S1	.00600	.00606	.000	1.01	.02452	.000	1
S3	1.2500	1.2143	-.036	-2.85	5.1167	.008	1
S4	2.5000	2.5205	.021	.821	10.622	.028	1
S5	5.0000	5.0151	.015	.302	21.135	.011	1

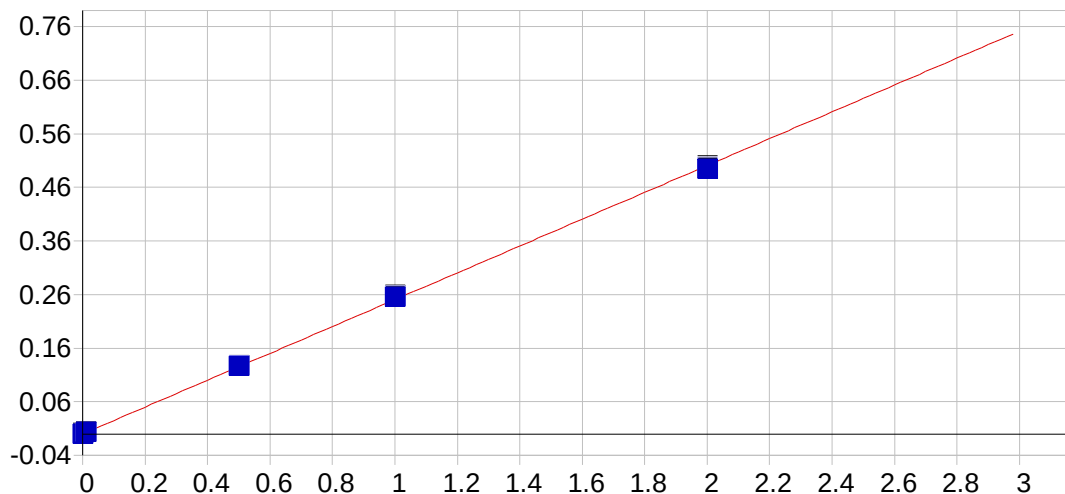


Ca 373.690 { 90}

Date of Fit: 12/29/2018 15:09:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000647 Re-Slope: 1.000000
 A1 (Gain): 0.053763 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999820 Status: OK.
 Std Error of Est: 0.000557
 Predicted MDL: 0.015470
 Predicted MQL: 0.051566

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1586	.159	7.93	.11670	.001	1
S0	.00000	-.00018	-.000	.000	.00064	.000	1
S3	12.500	12.560	.060	.479	.67625	.006	1
S4	25.000	25.487	.487	1.95	1.3716	.008	1
S5	50.000	49.295	-.705	-1.41	2.6523	.007	1



Cr 267.716 {126}

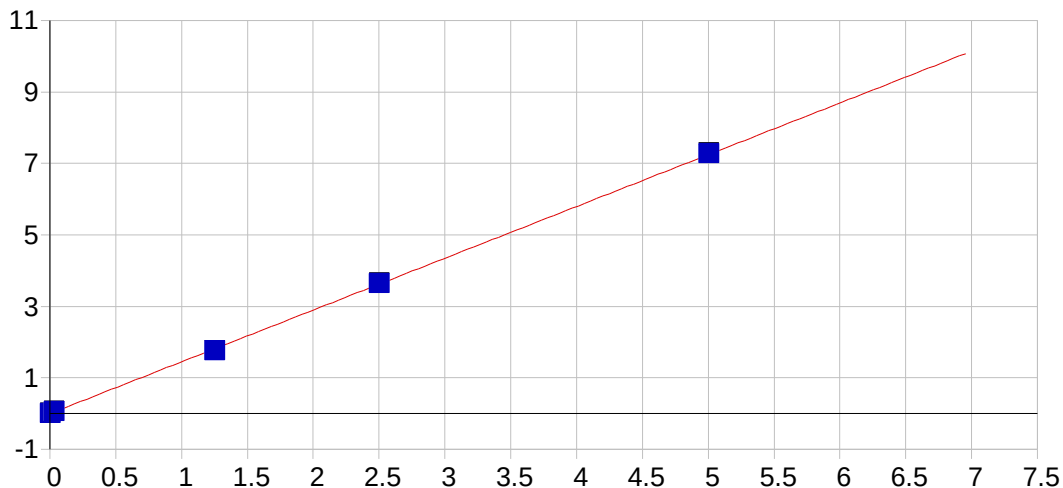
Date of Fit: 12/29/2018 15:09:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000018 Re-Slope: 1.000000
 A1 (Gain): 0.250392 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999856
 Std Error of Est: 0.000033
 Predicted MDL: 0.000359
 Predicted MQL: 0.001196

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00002	.000	1
S1	.01000	.01135	.001	13.5	.00284	.000	1
S3	.50000	.50493	.005	.985	.12735	.000	1
S4	1.0000	1.0208	.021	2.08	.25744	.001	1
S5	2.0000	1.9730	-.027	-1.35	.49774	.002	1



Co 228.616 {447}

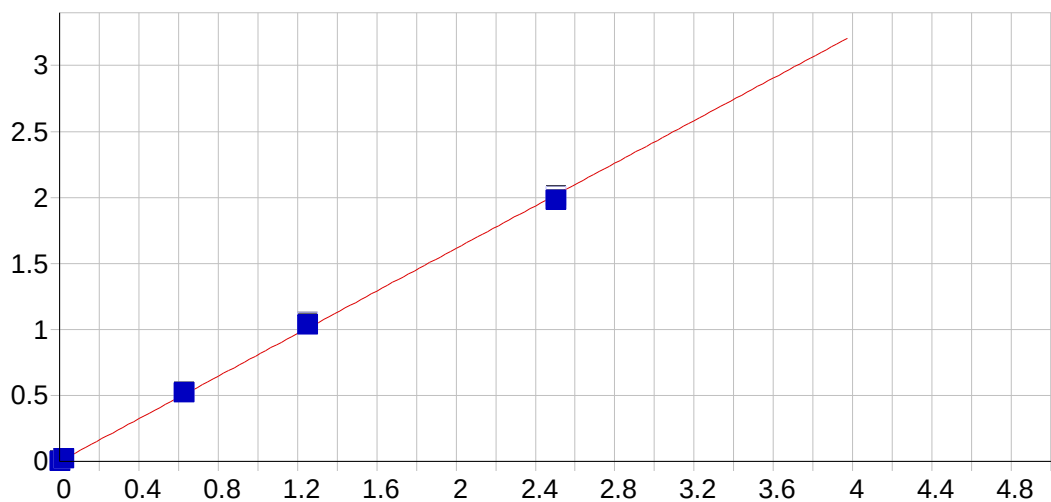
Date of Fit: 12/29/2018 15:09:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000346
 A1 (Gain): 1.448872
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999905
 Std Error of Est: 0.000419
 Predicted MDL: 0.000189
 Predicted MQL: 0.000631

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00035	.000	1
S1	.03000	.03408	.004	13.6	.04873	.000	1
S3	1.2500	1.2149	-.035	-2.81	1.7613	.003	1
S4	2.5000	2.5112	.011	.450	3.6410	.007	1
S5	5.0000	5.0198	.020	.397	7.2785	.013	1

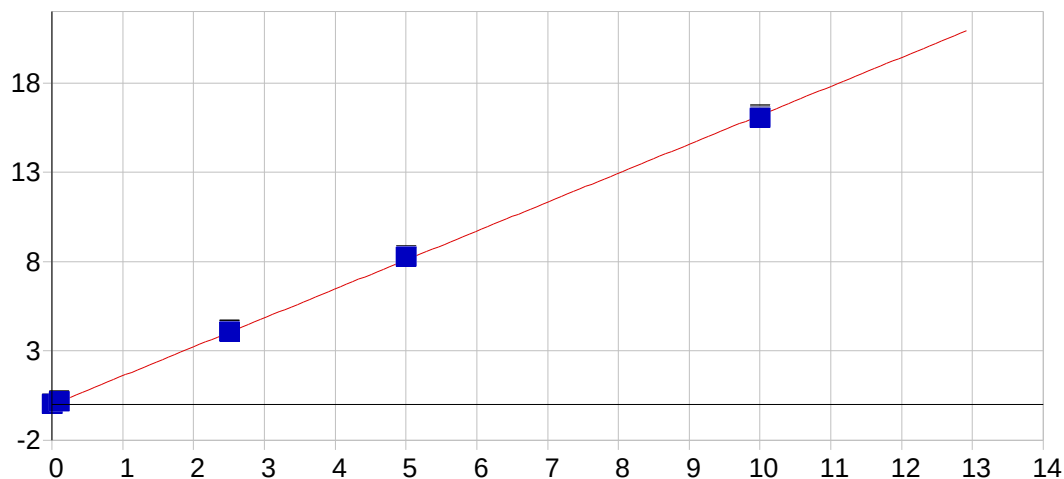


Cu 224.700 {450}

Date of Fit: 12/29/2018 15:09:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000325 Re-Slope: 1.000000
 A1 (Gain): 0.806878 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999705 Status: OK.
 Std Error of Est: 0.000241
 Predicted MDL: 0.000418
 Predicted MQL: 0.001395

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00032	.000	1
S1	.02000	.02298	.003	14.9	.01912	.000	1
S3	.62500	.64060	.016	2.50	.52536	.000	1
S4	1.2500	1.2821	.032	2.56	1.0511	.002	1
S5	2.5000	2.4494	-.051	-2.03	2.0093	.002	1



Fe 240.488 {140}

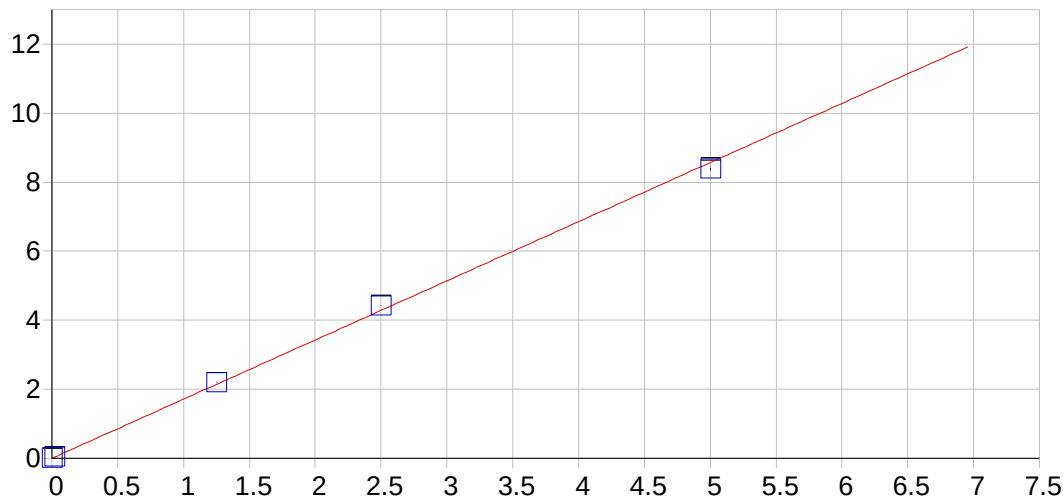
Date of Fit: 12/29/2018 15:09:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.010895 Re-Slope: 1.000000
 A1 (Gain): 1.620114 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999904
 Std Error of Est: 0.001221
 Predicted MDL: 0.006626
 Predicted MQL: 0.022086

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.01091	.012	1
S1	.10000	.10757	.008	7.57	.16417	.009	1
S3	2.5000	2.5069	.007	.275	4.0709	.079	1
S4	5.0000	5.0919	.092	1.84	8.2793	.044	1
S5	10.000	9.8936	-.106	-1.06	16.099	.096	1



Mn 257.610 {131}

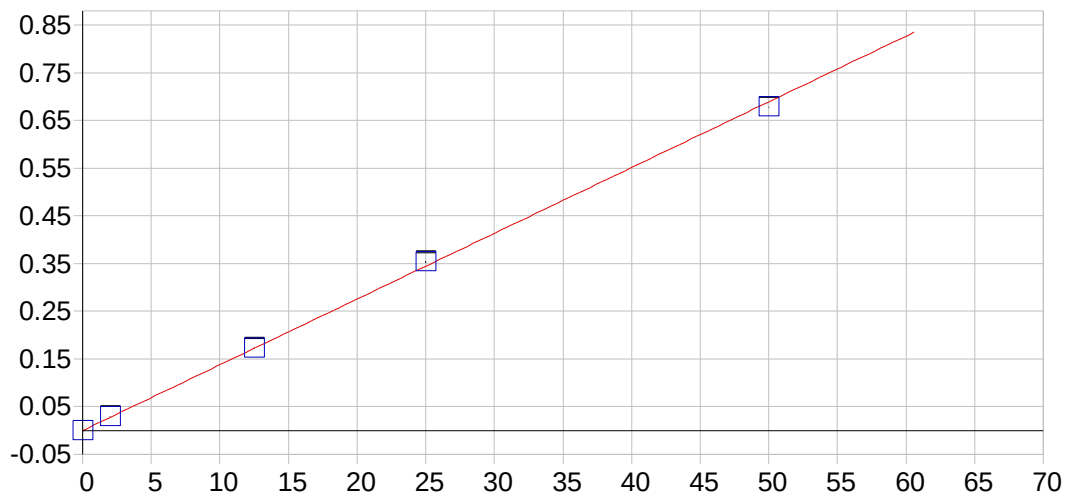
Date of Fit: 12/29/2018 15:09:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000486
 A1 (Gain): 1.713885
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999659
 Std Error of Est: 0.000765
 Predicted MDL: 0.000051
 Predicted MQL: 0.000170

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	.00048	.000	1
S1	.02000	.02375	.004	18.8	.04119	.000	1
S3	1.2500	1.2790	.029	2.32	2.1925	.001	1
S4	2.5000	2.5753	.075	3.01	4.4143	.009	1
S5	5.0000	4.8919	-.108	-2.16	8.3847	.036	1

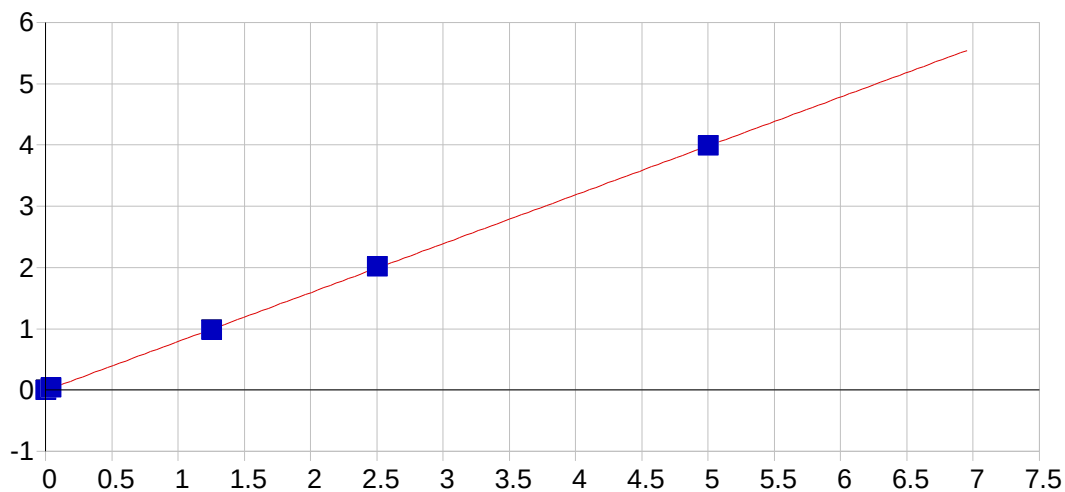


Mg 279.079 {121}

Date of Fit: 12/29/2018 15:09:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000002 Re-Slope: 1.000000
 A1 (Gain): 0.013785 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999788 Status: OK.
 Std Error of Est: 0.000155
 Predicted MDL: 0.031297
 Predicted MQL: 0.104322

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1371	.137	6.86	.02946	.001	1
S0	.00000	-.00016	-.000	.000	-.00000	.000	1
S3	12.500	12.529	.029	.230	.17271	.001	1
S4	25.000	25.630	.630	2.52	.35330	.002	1
S5	50.000	49.204	-.796	-1.59	.67827	.001	1



Ni 231.604 {445}

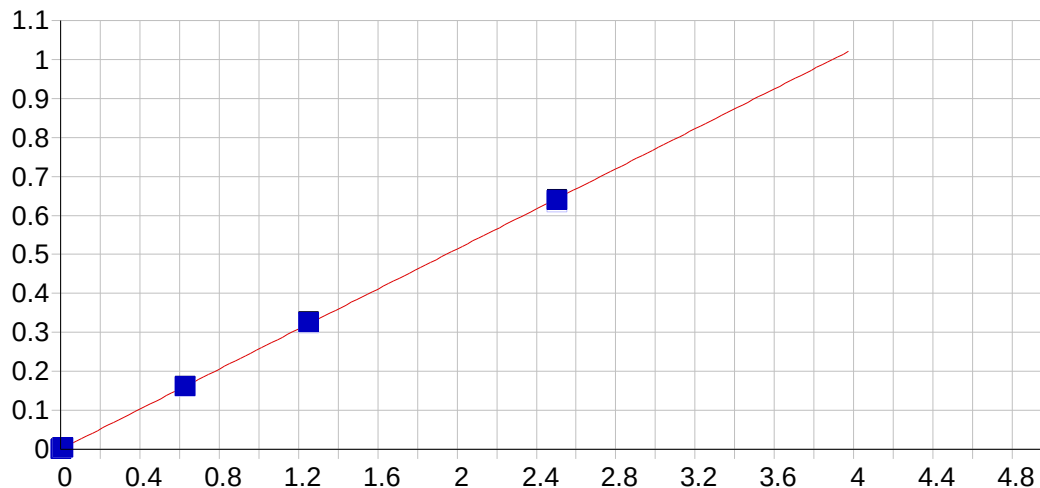
Date of Fit: 12/29/2018 15:09:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.007032 Re-Slope: 1.000000
 A1 (Gain): 0.798483 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929
 Std Error of Est: 0.000230
 Predicted MDL: 0.000362
 Predicted MQL: 0.001206

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00704	.000	1
S1	.04000	.04547	.005	13.7	.02930	.000	1
S3	1.2500	1.2307	-.019	-1.55	.97672	.002	1
S4	2.5000	2.5216	.022	.865	2.0086	.002	1
S5	5.0000	4.9922	-.008	-.155	3.9836	.002	1



Ag 328.068 {103}

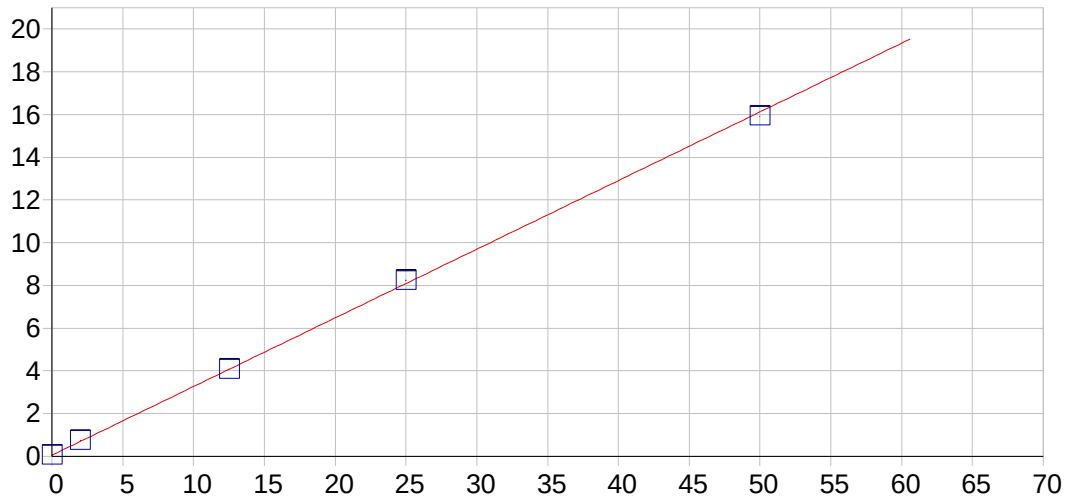
Date of Fit: 12/29/2018 15:09:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000356
 A1 (Gain): 0.256785
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967
 Std Error of Est: 0.000018
 Predicted MDL: 0.000512
 Predicted MQL: 0.001707

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	.01000	.01050	.000	4.97	.00300	.000	1
S3	.62500	.62453	-.000	-.075	.15890	.001	1
S4	1.2500	1.2646	.015	1.17	.32145	.002	1
S5	2.5000	2.4854	-.015	-.585	.63128	.002	1

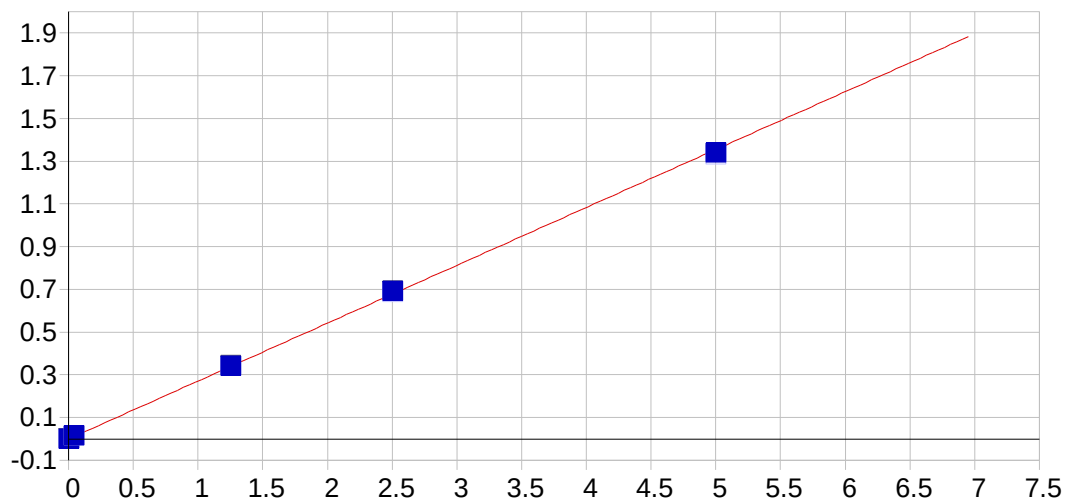


Na 589.592 { 57}

Date of Fit: 12/29/2018 15:09:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.055369 Re-Slope: 1.000000
 A1 (Gain): 0.321432 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999835 Status: OK.
 Std Error of Est: 0.003187
 Predicted MDL: 0.008741
 Predicted MQL: 0.029136

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1669	.167	8.35	.75189	.007	1
S0	.00000	-.00018	-.000	.000	.05531	.004	1
S3	12.500	12.523	.023	.185	4.0807	.015	1
S4	25.000	25.437	.437	1.75	8.2318	.028	1
S5	50.000	49.373	-.627	-1.25	15.925	.013	1



V 292.402 {115}

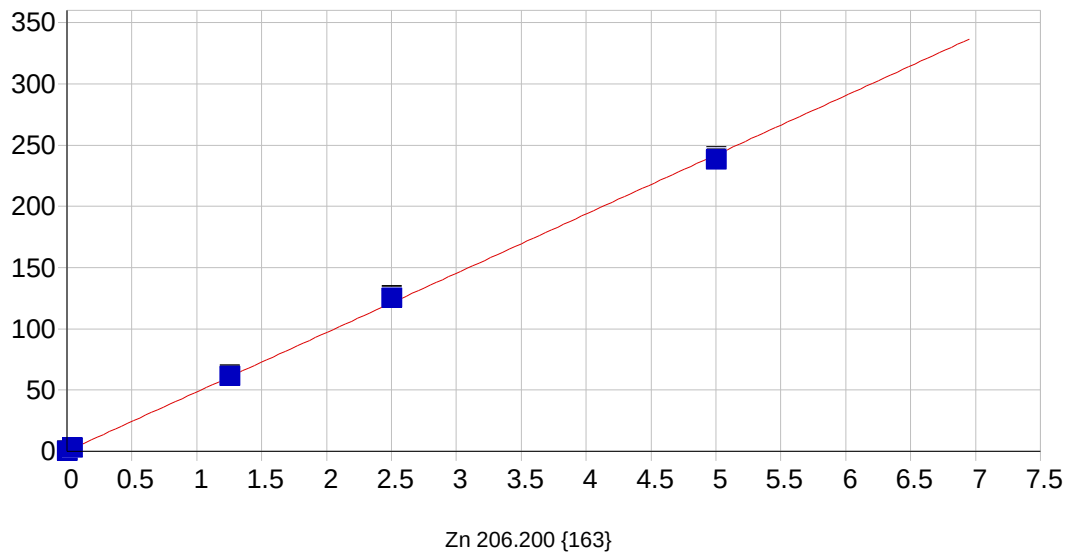
Date of Fit: 12/29/2018 15:09:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000012 Re-Slope: 1.000000
 A1 (Gain): 0.270925 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999825
 Std Error of Est: 0.000122
 Predicted MDL: 0.000419
 Predicted MQL: 0.001397

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00001	.000	1
S1	.04000	.04709	.007	17.7	.01258	.000	1
S3	1.2500	1.2614	.011	.914	.33953	.001	1
S4	2.5000	2.5460	.046	1.84	.68534	.001	1
S5	5.0000	4.9355	-.064	-1.29	1.3283	.001	1



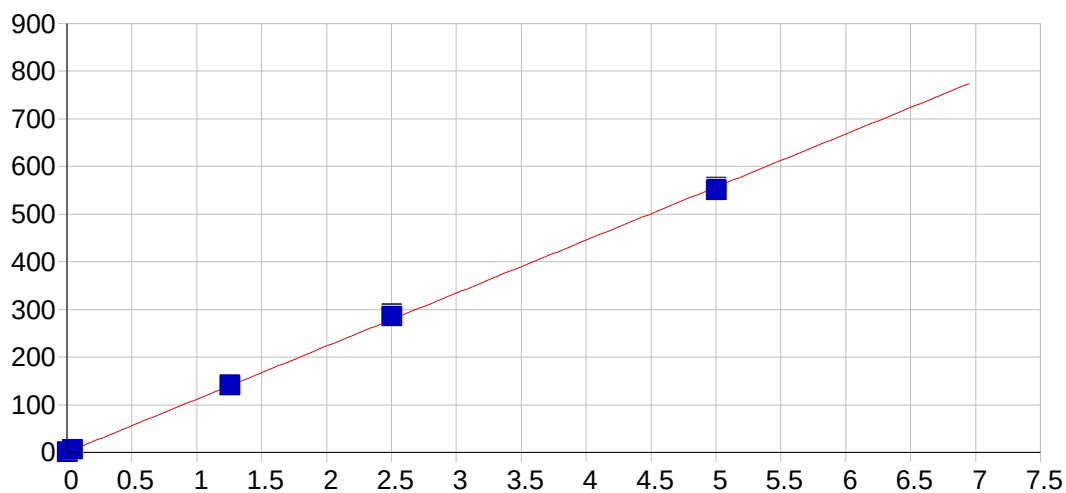
Date of Fit: 12/29/2018 15:09:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.183607
 A1 (Gain): 48.379199
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999704
 Std Error of Est: 0.028638
 Predicted MDL: 0.000303
 Predicted MQL: 0.001011

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	.18323	.007	1
S1	.04000	.04701	.007	17.5	2.4705	.073	1
S3	1.2500	1.2566	.007	.526	61.341	.643	1
S4	2.5000	2.5769	.077	3.07	125.58	1.28	1
S5	5.0000	4.9096	-.090	-1.81	239.17	1.22	1

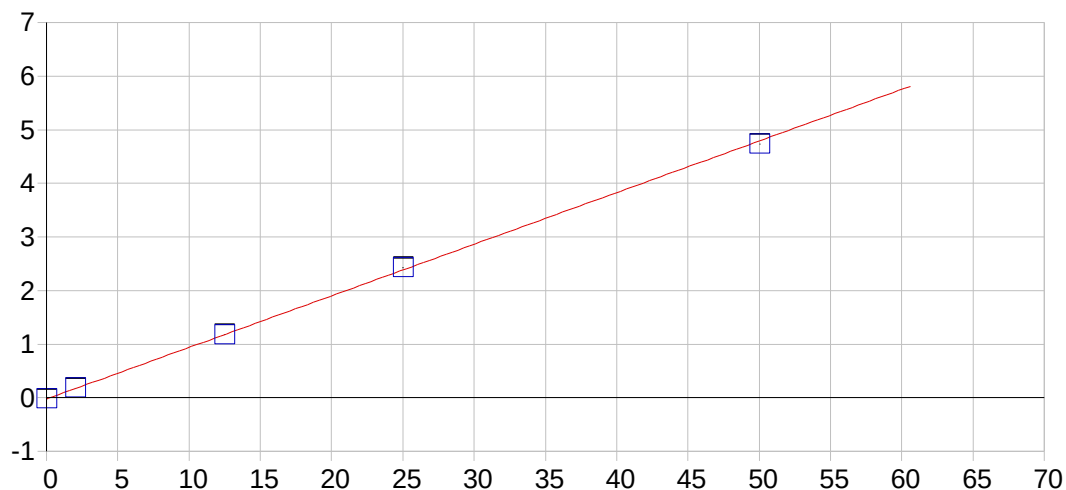


Zn 213.856 {458}

Date of Fit: 12/29/2018 15:09:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.316891 Re-Slope: 1.000000
 A1 (Gain): 111.312123 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999799 Status: OK.
 Std Error of Est: 0.054319
 Predicted MDL: 0.000067
 Predicted MQL: 0.000222

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.31608	.011	1
S1	.04000	.04691	.007	17.3	5.5681	.114	1
S3	1.2500	1.2476	-.002	-.190	140.03	.705	1
S4	2.5000	2.5614	.061	2.45	287.11	3.33	1
S5	5.0000	4.9341	-.066	-1.32	552.91	2.64	1



K 766.490 {44}

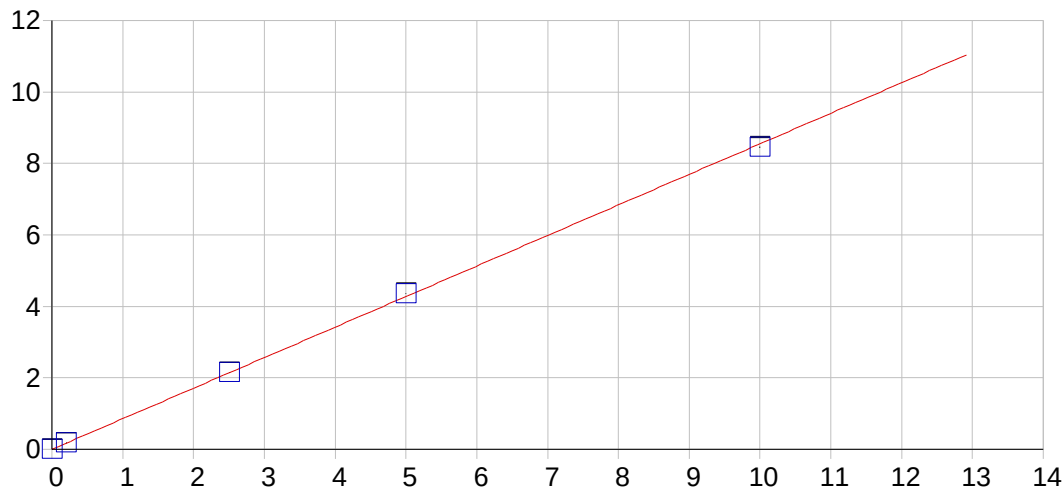
Date of Fit: 12/29/2018 15:09:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.024785 Re-Slope: 1.000000
 A1 (Gain): 0.096277 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999889
 Std Error of Est: 0.000782
 Predicted MDL: 0.031559
 Predicted MQL: 0.105198

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0867	.087	4.34	.17612	.001	1
S0	.00000	-.00010	-.000	.000	-.02480	.002	1
S3	12.500	12.501	.001	.006	1.1788	.009	1
S4	25.000	25.486	.486	1.94	2.4289	.009	1
S5	50.000	49.426	-.574	-1.15	4.7339	.002	1



Mo 202.030 {467}

Date of Fit: 12/29/2018 15:09:42

Type of Fit: Linear

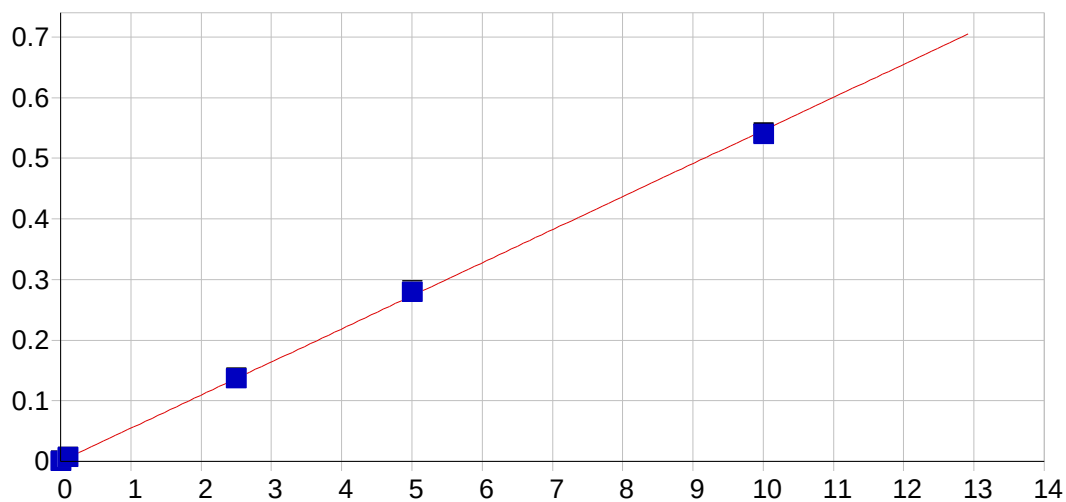
Weighting: 1/Conc

A0 (Offset): 0.000367
 A1 (Gain): 0.854870
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999888
 Std Error of Est: 0.000982
 Predicted MDL: 0.000235
 Predicted MQL: 0.000784

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	.00036	.000	1
S1	.20000	.21030	.010	5.15	.18015	.001	1
S3	2.5000	2.5081	.008	.323	2.1444	.001	1
S4	5.0000	5.1000	.100	2.00	4.3602	.005	1
S5	10.000	9.8816	-.118	-1.18	8.4479	.016	1

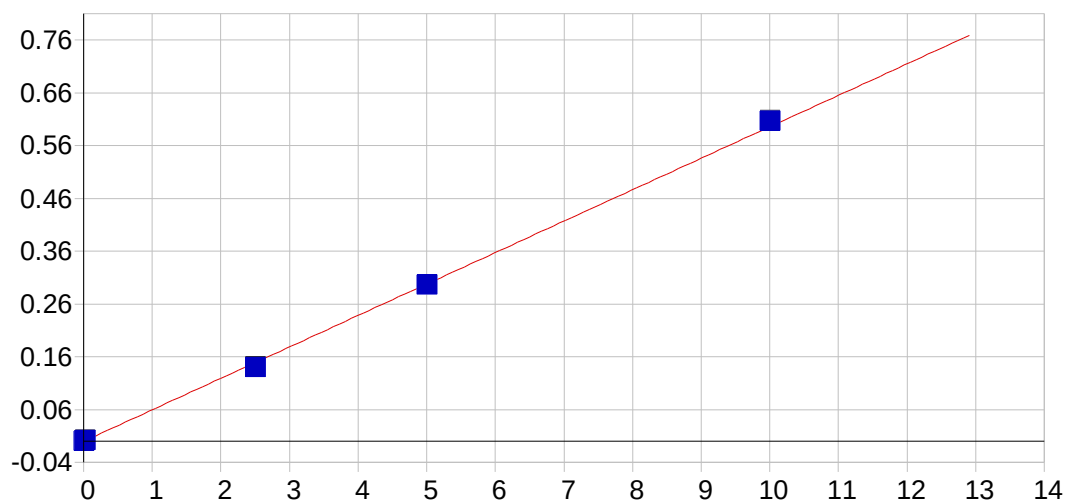


B 249.678 {135}

Date of Fit: 12/29/2018 15:09:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000287 Re-Slope: 1.000000
 A1 (Gain): 0.054568 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999892 Status: OK.
 Std Error of Est: 0.000043
 Predicted MDL: 0.006723
 Predicted MQL: 0.022410

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00029	.000	1
S1	.10000	.10238	.002	2.38	.00585	.000	1
S3	2.5000	2.4937	-.006	-.252	.13604	.001	1
S4	5.0000	5.1123	.112	2.25	.27862	.002	1
S5	10.000	9.8916	-.108	-1.08	.53878	.002	1



S 182.034 {485}

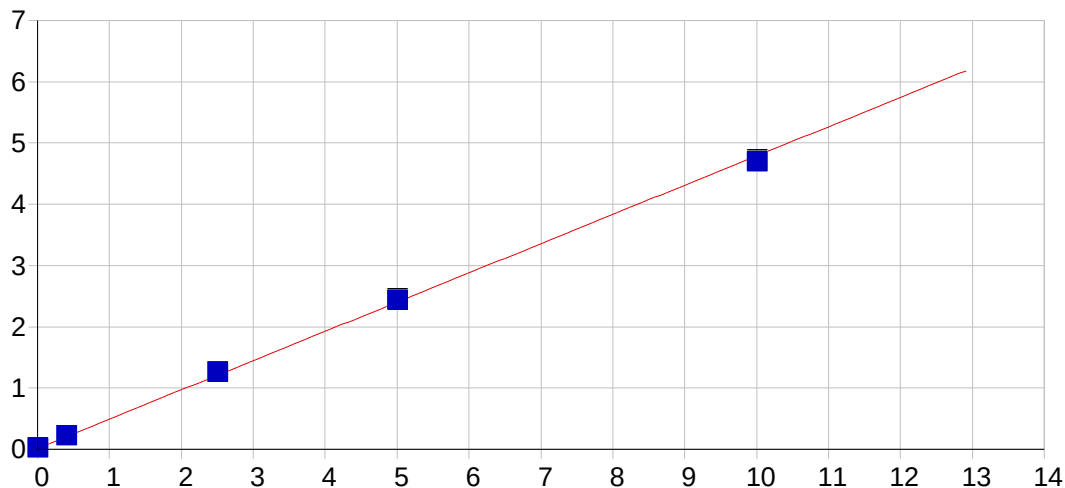
Date of Fit: 12/29/2018 15:09:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000108 Re-Slope: 1.000000
 A1 (Gain): 0.059573 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999635
 Std Error of Est: 0.000039
 Predicted MDL: 0.002474
 Predicted MQL: 0.008248

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00011	.000	1
S1	.02000	.01975	-.000	-1.27	.00103	.000	1
S3	2.5000	2.3492	-.151	-6.03	.13968	.000	1
S4	5.0000	4.9654	-.035	-.693	.29536	.000	1
S5	10.000	10.186	.186	1.86	.60602	.000	1



Si 288.158 {117}

Date of Fit: 12/29/2018 15:09:42

Type of Fit: Linear

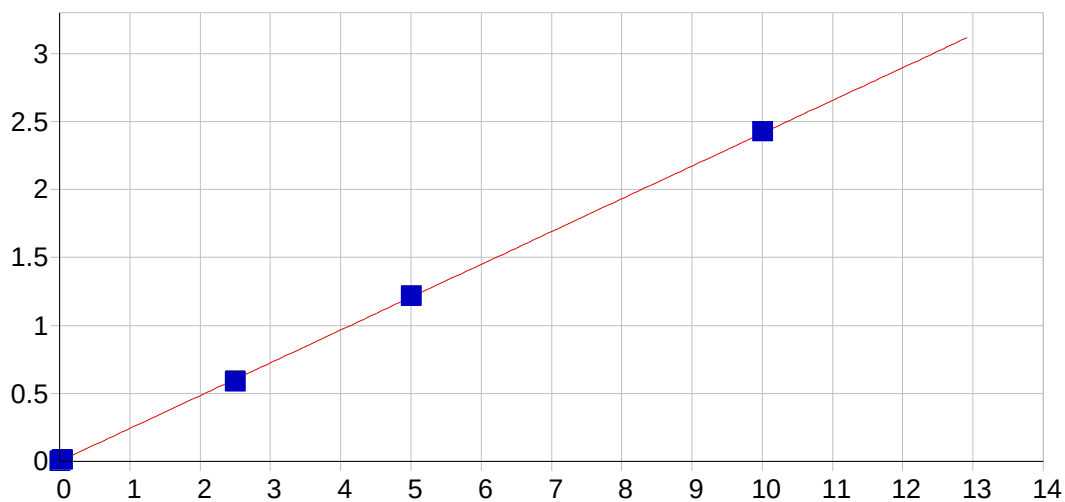
Weighting: 1/Conc

A0 (Offset): 0.015771
 A1 (Gain): 0.477327
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999711
 Std Error of Est: 0.001251
 Predicted MDL: 0.002165
 Predicted MQL: 0.007215

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.01575	.000	1
S1	.40000	.41876	.019	4.69	.21550	.001	1
S3	2.5000	2.6035	.104	4.14	1.2579	.008	1
S4	5.0000	5.0769	.077	1.54	2.4379	.017	1
S5	10.000	9.8008	-.199	-1.99	4.6914	.029	1

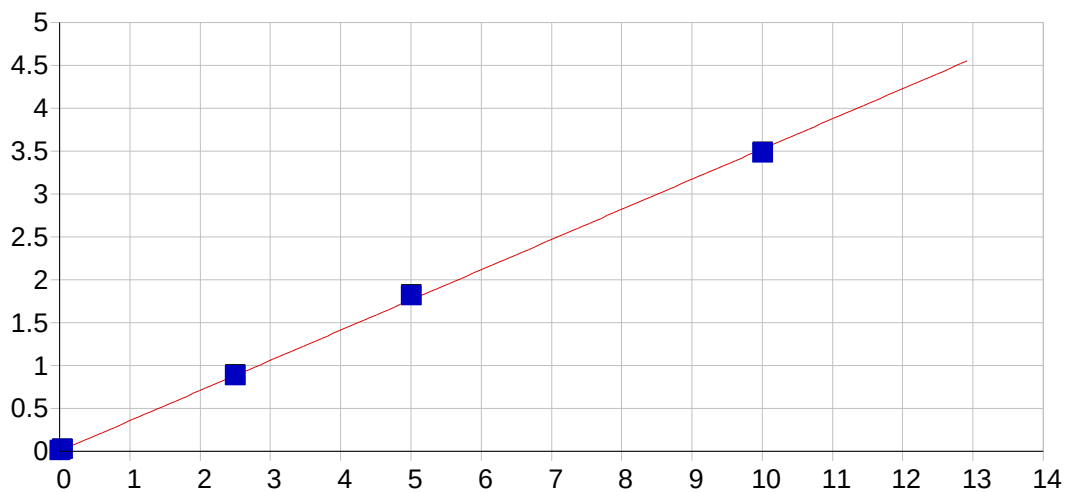


Sn 189.989 {477}

Date of Fit: 12/29/2018 15:09:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001395 Re-Slope: 1.000000
 A1 (Gain): 0.241214 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999920 Status: OK.
 Std Error of Est: 0.000104
 Predicted MDL: 0.000556
 Predicted MQL: 0.001852

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00140	.000	1
S1	.04000	.04032	.000	.809	.01112	.000	1
S3	2.5000	2.4229	-.077	-3.09	.58593	.001	1
S4	5.0000	5.0329	.033	.658	1.2156	.001	1
S5	10.000	10.044	.044	.439	2.4245	.002	1



Ti 336.121 {100}

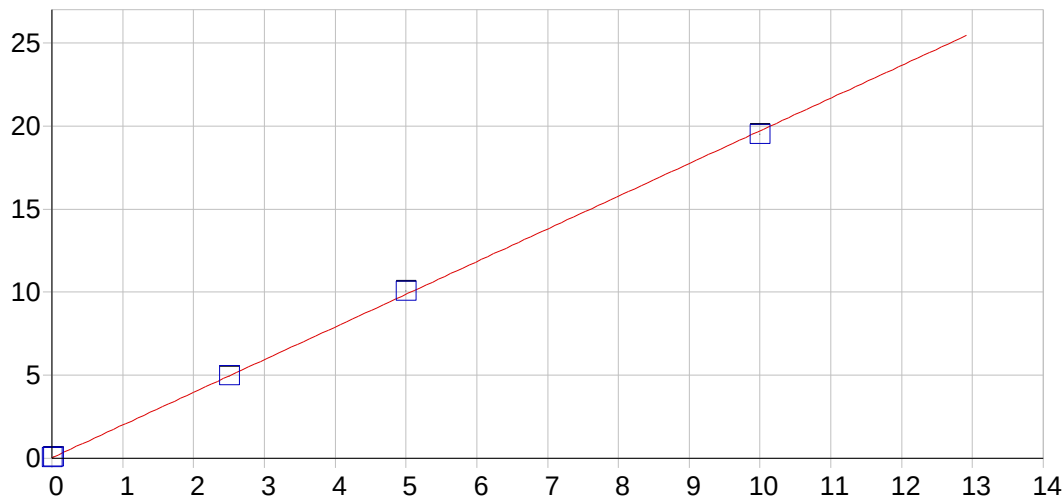
Date of Fit: 12/29/2018 15:09:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004433 Re-Slope: 1.000000
 A1 (Gain): 0.351996 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999836
 Std Error of Est: 0.000218
 Predicted MDL: 0.001733
 Predicted MQL: 0.005778

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00443	.000	1
S1	.04000	.04509	.005	12.7	.02030	.000	1
S3	2.5000	2.4984	-.002	-.063	.88375	.003	1
S4	5.0000	5.1295	.129	2.59	1.8098	.009	1
S5	10.000	9.8670	-.133	-1.33	3.4771	.006	1



Li 670.784 { 50}

Date of Fit: 12/29/2018 15:09:42

Type of Fit: Linear

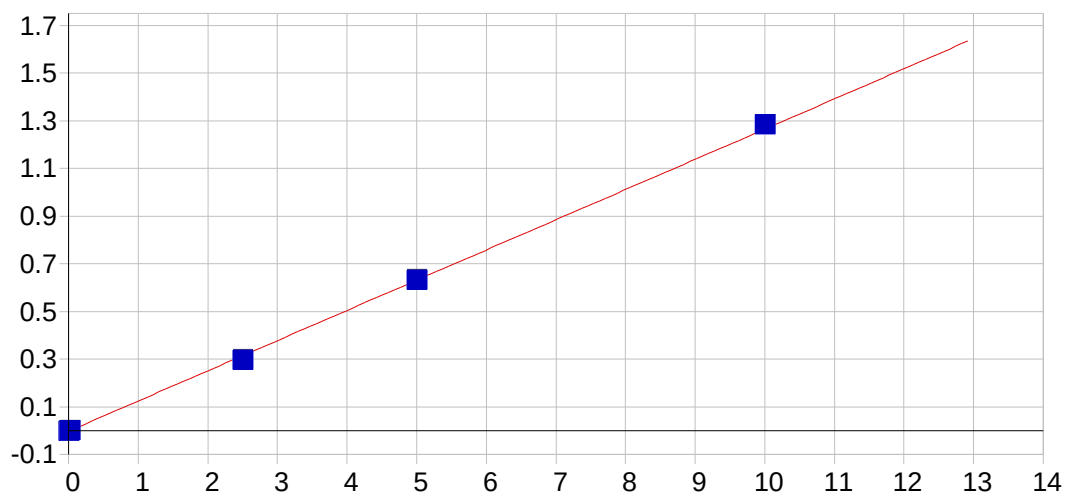
Weighting: 1/Conc

A0 (Offset): 0.032271
 A1 (Gain): 1.967606
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999910
 Std Error of Est: 0.000637
 Predicted MDL: 0.001473
 Predicted MQL: 0.004910

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	.03227	.001	1
S1	.02000	.02024	.000	1.19	.07209	.002	1
S3	2.5000	2.5027	.003	.107	4.9565	.020	1
S4	5.0000	5.1013	.101	2.03	10.070	.028	1
S5	10.000	9.8958	-.104	-1.04	19.503	.030	1

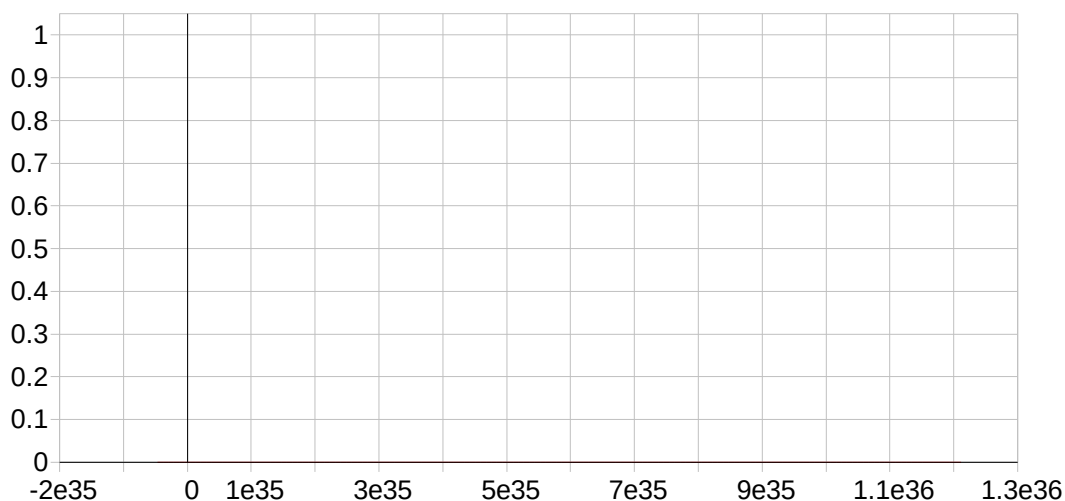


P 177.495 {490}

Date of Fit: 12/29/2018 15:09:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002944 Re-Slope: 1.000000
 A1 (Gain): 0.126742 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999709 Status: OK.
 Std Error of Est: 0.000074
 Predicted MDL: 0.001157
 Predicted MQL: 0.003857

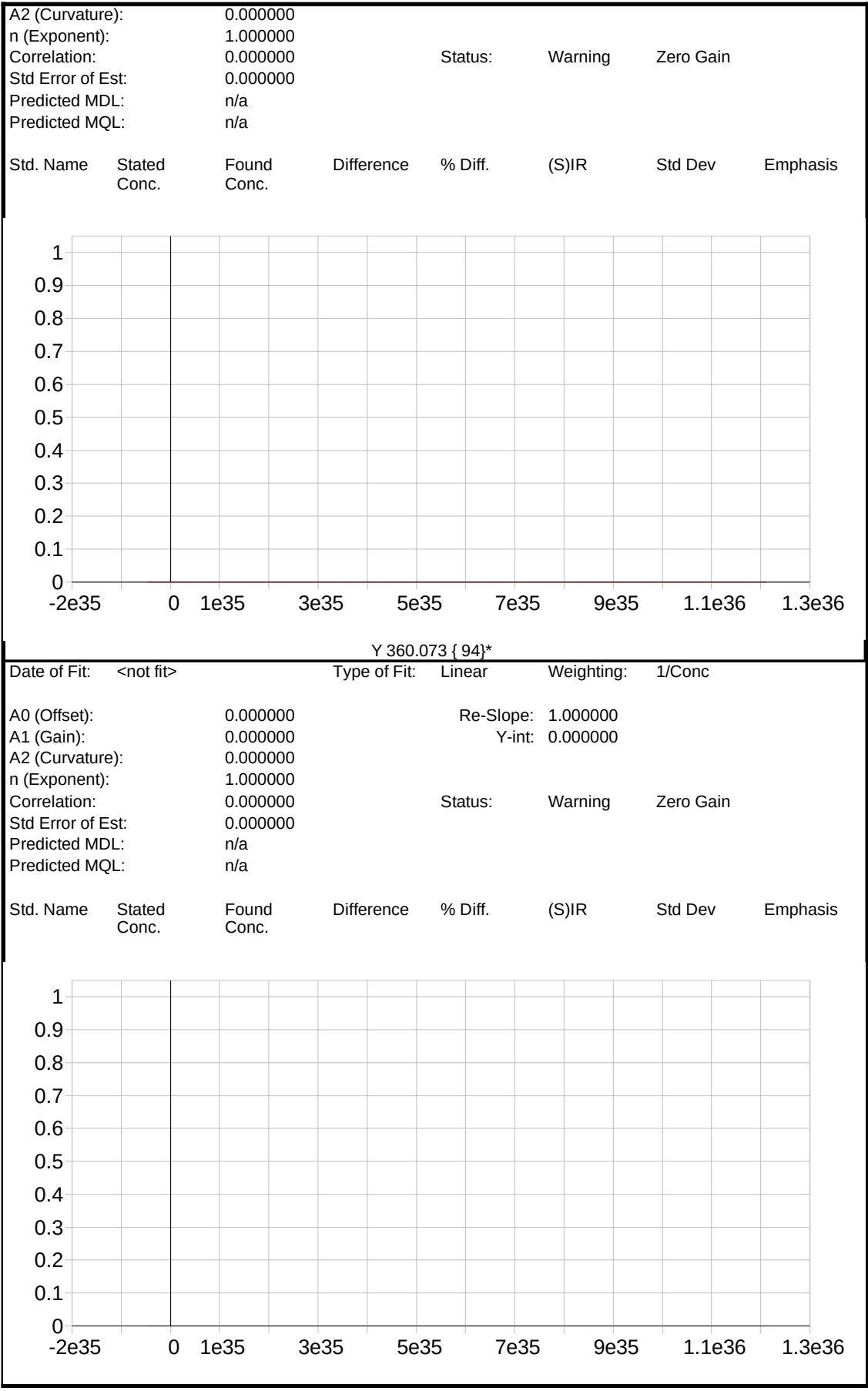
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00294	.000	1
S1	.02000	.01832	-.002	-8.38	-.00063	.000	1
S3	2.5000	2.3577	-.142	-5.69	.29542	.001	1
S4	5.0000	5.0052	.005	.104	.63051	.002	1
S5	10.000	10.139	.139	1.39	1.2802	.001	1

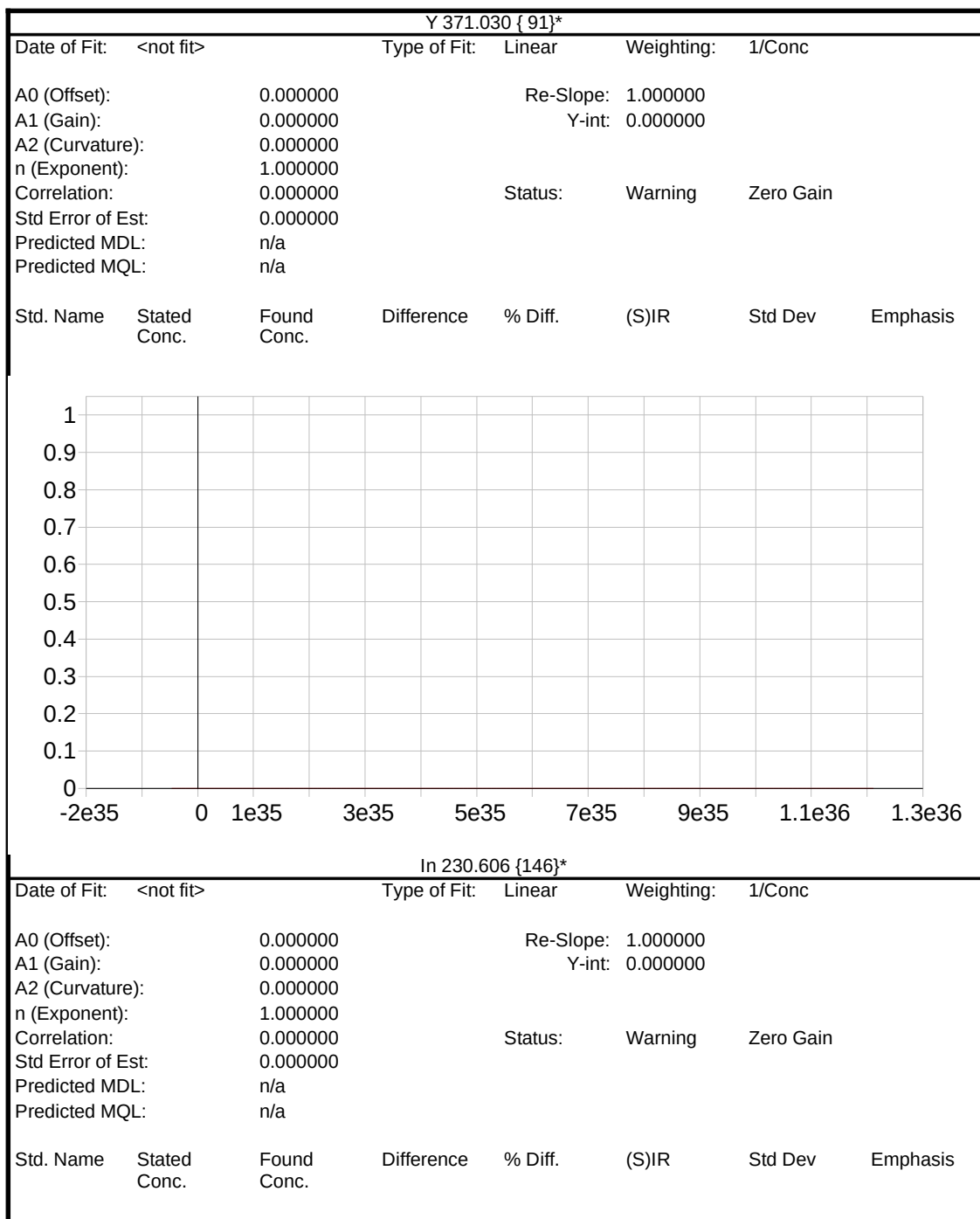


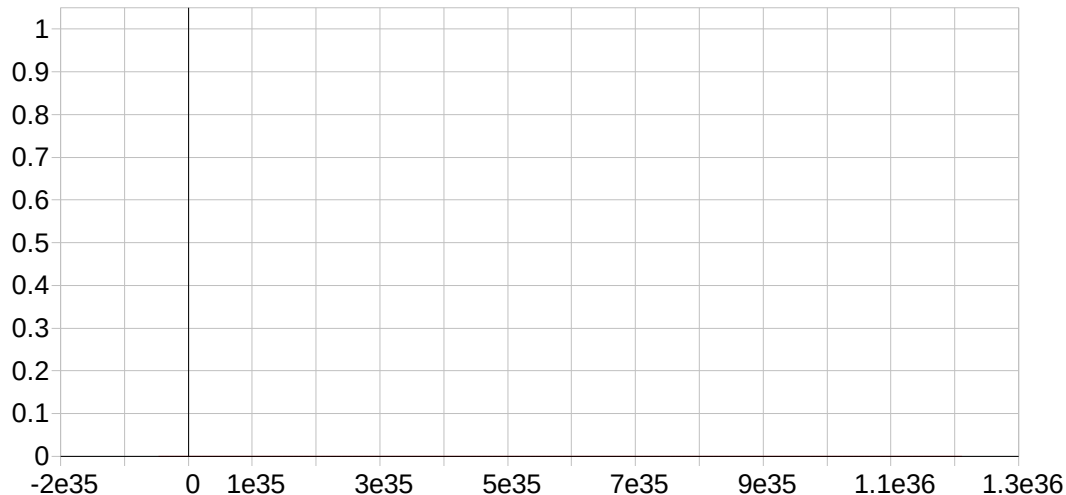
Y 224.306 {450}*

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



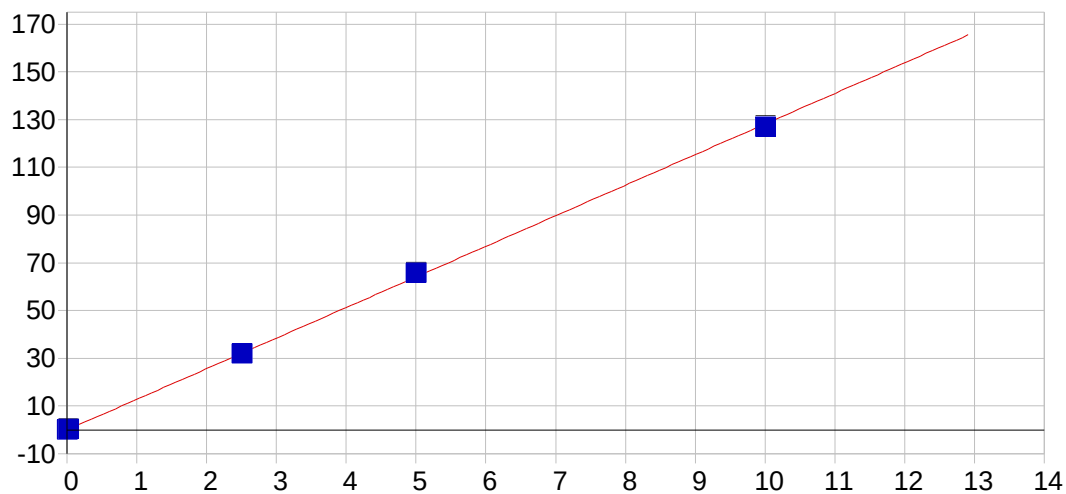




Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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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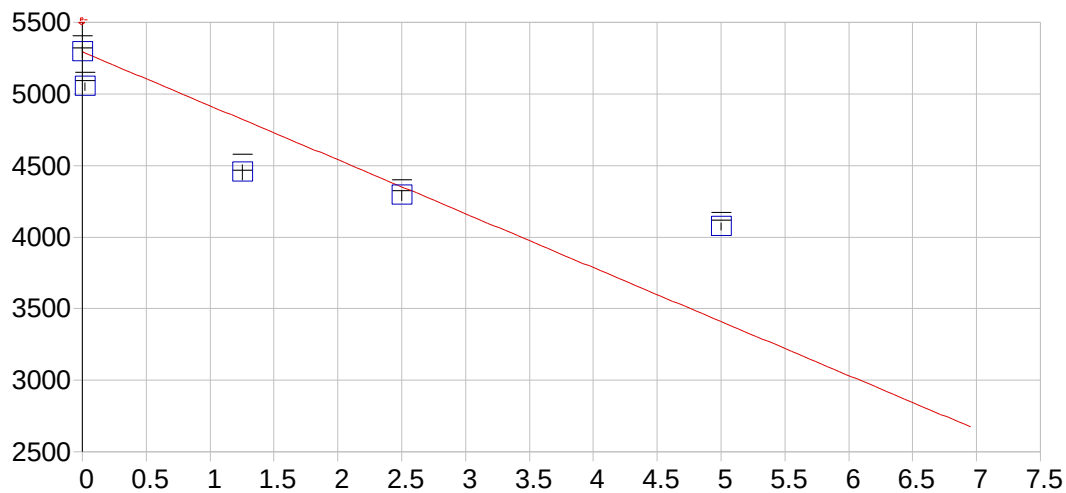


Date of Fit: 12/29/2018 15:09:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006210 Re-Slope: 1.000000
 A1 (Gain): 12.815714 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999886 Status: OK.
 Std Error of Est: 0.004670
 Predicted MDL: 0.000089

Predicted MQL: 0.000296

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00622	.001	1
S1	.02000	.02033	.000	1.65	.25574	.001	1
S3	2.5000	2.4809	-.019	-.764	31.824	.125	1
S4	5.0000	5.1190	.119	2.38	65.668	.273	1
S5	10.000	9.8998	-.100	-1.00	127.01	.230	1

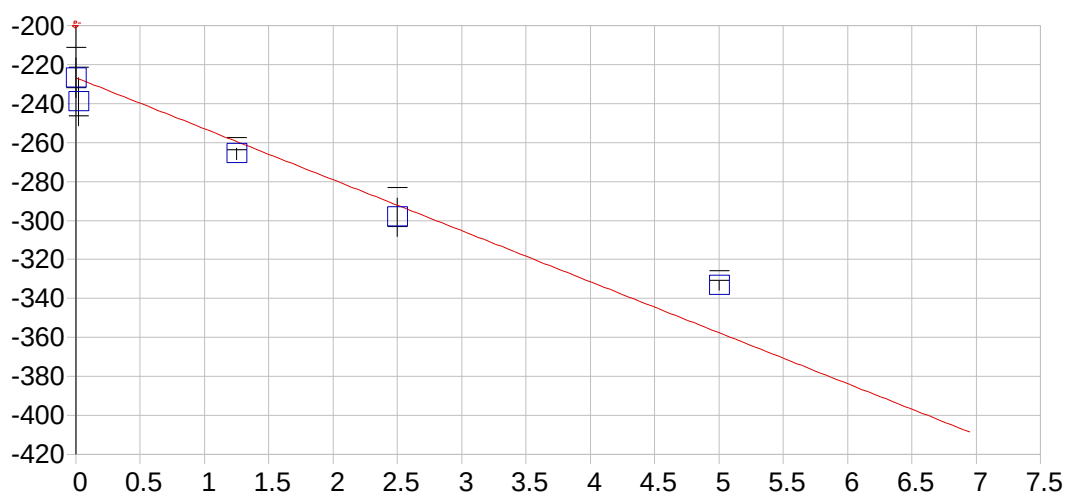


U 367.007 { 92 }

Date of Fit: 12/29/2018 15:09:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 5293.660790 Re-Slope: 1.000000
A1 (Gain): -376.804686 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.544377 Status: Warning Negative Gain
Std Error of Est: 9.922121
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00063	-.001	.000	5293.9	42.5	1
S1	.02000	.64288	.623	3110.	5051.4	30.4	1
S3	1.2500	2.2320	.982	78.6	4452.6	54.8	1
S4	2.5000	2.6595	.159	6.38	4291.6	38.0	1
S5	5.0000	3.2356	-1.76	-35.3	4074.5	26.8	1



U 385.958 { 87}

Date of Fit: 12/29/2018 15:09:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -226.787622 Re-Slope: 1.000000

A1 (Gain): -26.154545 Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.676424

Status: Warning Negative Gain

Std Error of Est: 0.486650

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00045	-.000	.000	-226.78	10.2	1
S1	.02000	.47053	.451	2250.	-239.09	12.5	1
S3	1.2500	1.4887	.239	19.1	-265.72	3.10	1
S4	2.5000	2.7339	.234	9.36	-298.29	10.1	1
S5	5.0000	4.0769	-.923	-18.5	-333.42	2.45	1

Sample Name: S0 Acquired: 12/29/2018 12:50:37 Type: Cal
Method: P4-ICP2(v2688) 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	-.00000	-.00100	.00410	.00007	.00055	-.00003	.10492	-.00001
Stddev	.00008	.00006	.00026	.00014	.00030	.00007	.00479	.00003
%RSD	1900.0	6.2741	6.3404	209.27	54.236	197.59	4.5644	180.42

#1	-.00007	-.00108	.00431	.00022	.00028	.00004	.10206	-.00002
#2	.00008	-.00096	.00381	-.00004	.00050	-.00005	.11045	.00002
#3	-.00003	-.00098	.00418	.00002	.00087	-.00009	.10225	-.00004

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	-.00107	.00064	-.00002	-.00035	.00032	-.01091	.00048	-.00000
Stddev	.00022	.00047	.00008	.00013	.00021	.01220	.00004	.00006
%RSD	20.382	73.818	435.69	37.454	65.208	111.82	7.3622	795940.

#1	-.00089	.00011	.00001	-.00020	.00050	-.02499	.00044	.00005
#2	-.00131	.00100	.00004	-.00043	.00009	-.00424	.00048	.00003
#3	-.00100	.00081	-.00011	-.00043	.00038	-.00350	.00051	-.00007

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	-.00704	.00036	.05531	-.00001	.31608	-.02480	.00036	.00029
Stddev	.00015	.00015	.00404	.00008	.01056	.00248	.00017	.00014
%RSD	2.1480	43.279	7.3080	541.47	3.3415	9.9962	48.046	50.125

#1	-.00692	.00020	.05236	.00007	.32825	-.02304	.00028	.00045
#2	-.00698	.00050	.05992	-.00008	.31062	-.02372	.00055	.00021
#3	-.00721	.00037	.05365	-.00003	.30937	-.02763	.00023	.00019

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	-.00011	.01575	.00140	.00443	.03227	-.0029	-.00622	5293.9
Stddev	.00015	.00028	.00004	.00027	.00147	.0001	.00052	42.5
%RSD	135.87	1.7537	2.6420	6.1723	4.5651	2.343	8.4320	.80347

#1	.00006	.01560	.00136	.00452	.03397	-.0029	-.00561	5324.5
#2	-.00018	.01607	.00143	.00465	.03135	-.0029	-.00648	5245.3
#3	-.00020	.01559	.00140	.00413	.03149	-.0030	-.00656	5311.9

Sample Name: S0 Acquired: 12/29/2018 12:50:37 Type: Cal
Method: P4-ICP2(v2688) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-226.78
Stddev	10.23
%RSD	4.5125

#1	-220.17
#2	-221.59
#3	-238.56

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3399.3	45718.	4152.0	99.219	3744.9
Stddev	10.2	192.	35.3	.767	14.7
%RSD	.30136	.41891	.84980	.77344	.39366

#1	3388.7	45673.	4134.5	99.383	3733.4
#2	3409.1	45554.	4128.9	98.383	3761.5
#3	3400.2	45929.	4192.6	99.892	3739.8

Sample Name: S1 Acquired: 12/29/2018 12:54:45 Type: Cal
Method: P4-ICP2(v2688) 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	.00149	.00799	.00830	.00172	.01071	.00105	.74292	.00839
Stddev	.00011	.00018	.00019	.00009	.00003	.00004	.00446	.00002
%RSD	7.3907	2.3014	2.3174	5.1190	.28192	3.5020	.60012	.24112

#1	.00148	.00790	.00836	.00162	.01074	.00108	.73930	.00841
#2	.00139	.00786	.00808	.00176	.01070	.00101	.74157	.00840
#3	.00161	.00820	.00845	.00179	.01068	.00104	.74790	.00837

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	.02452	.00284	.04873	.01912	.16417	.04119	.02930	.00300
Stddev	.00037	.00004	.00025	.00004	.00918	.00030	.00013	.00008
%RSD	1.5249	1.5483	.51464	.21198	5.5895	.71986	.44145	2.6877

#1	.02442	.00285	.04862	.01916	.16020	.04121	.02938	.00309
#2	.02421	.00279	.04855	.01908	.15764	.04148	.02936	.00295
#3	.02493	.00287	.04902	.01912	.17466	.04089	.02915	.00295

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	.01258	5.5681	.18015	.00585	.00103	.21550	.01112	.02030
Stddev	.00009	.1137	.00095	.00045	.00004	.00125	.00010	.00040
%RSD	.72110	2.0411	.52662	7.7552	3.8052	.57993	.91313	1.9749

#1	.01253	5.5296	.17910	.00632	.00099	.21406	.01108	.01988
#2	.01268	5.6960	.18039	.00582	.00107	.21636	.01105	.02035
#3	.01252	5.4787	.18096	.00541	.00104	.21607	.01124	.02067

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.07209	-.0006	.25574	5051.4	-239.09
Stddev	.00200	.0001	.00144	30.4	12.49
%RSD	2.7789	14.90	.56414	.60201	5.2240

#1	.07432	-.0006	.25413	5033.2	-226.17
#2	.07043	-.0005	.25621	5086.5	-251.10
#3	.07153	-.0007	.25689	5034.5	-240.02

Sample Name: S1 Acquired: 12/29/2018 12:54:45 Type: Cal
Method: P4-ICP2(v2688) 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	3390.2	45482.	4109.0	96.417	3744.8
Stddev	16.6	251.	14.6	1.711	28.6
%RSD	.48923	.55141	.35465	1.7746	.76287
#1	3402.3	45283.	4093.1	97.117	3752.9
#2	3396.9	45399.	4121.6	94.467	3768.4
#3	3371.3	45763.	4112.4	97.667	3713.0

Sample Name: S2 Acquired: 12/29/2018 12:59:23 Type: Cal
Method: P4-ICP2(v2688) 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	.11670	.02946	.75189	.17612
Stddev	.00060	.00081	.00693	.00082
%RSD	.51520	2.7522	.92220	.46676

#1	.11663	.02864	.74459	.17675
#2	.11613	.02948	.75271	.17642
#3	.11733	.03026	.75838	.17519

Int. Std.	Y_3710
Units	Cts/S
Avg	4105.2
Stddev	20.4
%RSD	.49722

#1	4084.2
#2	4124.9
#3	4106.6

Sample Name: S3 Acquired: 12/29/2018 13:03:18 Type: Cal
 Method: P4-ICP2(v2688) 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	.18467	.48884	.90048	.20933	.44861	.04497	28.493	.16269
Stddev	.00018	.00048	.00347	.00063	.00084	.00059	.076	.00021
%RSD	.10001	.09828	.38513	.30271	.18817	1.3106	.26683	.12646
#1	.18469	.48856	.89890	.21002	.44958	.04448	28.484	.16249
#2	.18447	.48857	.89807	.20878	.44816	.04482	28.574	.16290
#3	.18484	.48940	.90445	.20918	.44808	.04563	28.423	.16269
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	5.1167	.67625	.12735	1.7613	.52536	4.0709	2.1925	.17271
Stddev	.0077	.00554	.00042	.0029	.00036	.0790	.0011	.00102
%RSD	.14985	.81916	.32929	.16469	.06846	1.9400	.04870	.58780
#1	5.1118	.67120	.12750	1.7602	.52504	3.9911	2.1914	.17160
#2	5.1128	.67539	.12687	1.7591	.52575	4.0727	2.1935	.17291
#3	5.1256	.68217	.12767	1.7645	.52530	4.1490	2.1926	.17360
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	.97672	.15890	4.0807	.33953	140.03	1.1788	2.1444	.13604
Stddev	.00202	.00071	.0148	.00055	.70	.0089	.0012	.00067
%RSD	.20677	.44835	.36297	.16115	.50329	.75825	.05453	.49422
#1	.97493	.15965	4.0927	.33893	139.22	1.1722	2.1455	.13587
#2	.97632	.15823	4.0853	.33965	140.39	1.1889	2.1432	.13548
#3	.97891	.15883	4.0641	.34000	140.49	1.1751	2.1446	.13679
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	.13968	1.2579	.58593	.88375	4.9565	.2954	31.824	4452.6
Stddev	.00034	.0079	.00062	.00309	.0201	.0005	.125	54.8
%RSD	.24689	.62928	.10535	.34956	.40545	.1810	.39423	1.2307
#1	.14006	1.2602	.58582	.88020	4.9360	.2951	31.687	4411.8
#2	.13957	1.2644	.58538	.88529	4.9761	.2951	31.935	4514.9
#3	.13940	1.2490	.58660	.88577	4.9576	.2960	31.849	4431.2

Sample Name: S3 Acquired: 12/29/2018 13:03:18 Type: Cal
 Method: P4-ICP2(v2688) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-265.72
Stddev	3.10
%RSD	1.1656

#1	-267.89
#2	-262.18
#3	-267.11

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3257.6	43727.	4107.8	93.819	3447.2
Stddev	3.9	125.	20.2	.402	2.4
%RSD	.11871	.28585	.49288	.42798	.06826

#1	3253.9	43647.	4096.8	94.267	3444.7
#2	3257.1	43871.	4095.6	93.490	3449.4
#3	3261.6	43662.	4131.2	93.700	3447.4

Sample Name: S4 Acquired: 12/29/2018 13:06:59 Type: Cal
Method: P4-ICP2(v2688) 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	.37905	.99850	1.8525	.42732	.91783	.09226	58.292	.33094
Stddev	.00073	.00213	.0020	.00023	.00116	.00054	.178	.00091
%RSD	.19220	.21319	.10899	.05344	.12640	.58128	.30571	.27530
#1	.37937	.99991	1.8548	.42730	.91809	.09235	58.142	.33099
#2	.37821	.99605	1.8510	.42757	.91656	.09169	58.489	.33000
#3	.37956	.99954	1.8516	.42711	.91884	.09275	58.244	.33182
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	10.622	1.3716	.25744	3.6410	1.0511	8.2793	4.4143	.35330
Stddev	.028	.0075	.00145	.0070	.0024	.0441	.0093	.00194
%RSD	.26256	.54821	.56300	.19120	.22951	.53224	.21067	.55032
#1	10.653	1.3632	.25738	3.6460	1.0536	8.2738	4.4127	.35106
#2	10.613	1.3776	.25602	3.6438	1.0489	8.3259	4.4060	.35424
#3	10.599	1.3740	.25892	3.6330	1.0508	8.2383	4.4243	.35459
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	2.0086	.32145	8.2318	.68534	287.11	2.4289	4.3602	.27862
Stddev	.0024	.00169	.0278	.00114	3.33	.0088	.0050	.00186
%RSD	.11790	.52624	.33771	.16593	1.1612	.36268	.11570	.66588
#1	2.0114	.32254	8.2026	.68664	288.80	2.4188	4.3628	.27693
#2	2.0071	.31950	8.2579	.68456	289.26	2.4346	4.3544	.28060
#3	2.0074	.32230	8.2348	.68481	283.27	2.4334	4.3634	.27833
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	.29536	2.4379	1.2156	1.8098	10.070	.6305	65.668	4291.6
Stddev	.00043	.0168	.0009	.0094	.028	.0017	.273	38.0
%RSD	.14541	.68979	.07687	.51952	.27321	.2717	.41641	.88660
#1	.29586	2.4188	1.2165	1.7989	10.051	.6325	65.523	4281.6
#2	.29514	2.4505	1.2146	1.8146	10.101	.6294	65.983	4333.6
#3	.29509	2.4443	1.2157	1.8158	10.057	.6296	65.497	4259.5

Sample Name: S4 Acquired: 12/29/2018 13:06:59 Type: Cal
Method: P4-ICP2(v2688) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-298.29
Stddev	10.07
%RSD	3.3750

#1	-309.91
#2	-292.68
#3	-292.28

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3203.0	43088.	4057.1	91.341	3294.0
Stddev	1.3	182.	25.4	1.035	4.6
%RSD	.04113	.42302	.62614	1.1326	.13977

#1	3203.9	42929.	4064.2	90.946	3291.5
#2	3203.7	43287.	4028.9	90.562	3291.2
#3	3201.5	43048.	4078.2	92.515	3299.3

Sample Name: S5 Acquired: 12/29/2018 13:10:38 Type: Cal
Method: P4-ICP2(v2688) 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	.74487	1.9503	3.6810	.83133	1.7945	.18329	111.81	.64200
Stddev	.00112	.0008	.0060	.00124	.0049	.00080	.40	.00195
%RSD	.15083	.04329	.16212	.14975	.27287	.43568	.36155	.30447

#1	.74357	1.9500	3.6756	.82996	1.7890	.18240	111.46	.64425
#2	.74552	1.9496	3.6874	.83240	1.7983	.18395	111.73	.64070
#3	.74551	1.9512	3.6799	.83163	1.7963	.18352	112.25	.64104

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	21.135	2.6523	.49774	7.2785	2.0093	16.099	8.3847	.67827
Stddev	.011	.0074	.00157	.0128	.0016	.096	.0355	.00065
%RSD	.05389	.28049	.31633	.17625	.08081	.59847	.42378	.09615

#1	21.133	2.6442	.49955	7.2687	2.0076	16.098	8.4059	.67885
#2	21.147	2.6539	.49673	7.2930	2.0108	16.196	8.4045	.67756
#3	21.125	2.6588	.49693	7.2737	2.0093	16.004	8.3437	.67841

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.9836	.63128	15.925	1.3283	552.91	4.7339	8.4479	.53878
Stddev	.0016	.00162	.013	.0015	2.64	.0017	.0156	.00154
%RSD	.03954	.25589	.08416	.11176	.47735	.03640	.18432	.28635

#1	3.9841	.63239	15.940	1.3291	555.86	4.7355	8.4338	.53700
#2	3.9848	.62942	15.913	1.3292	552.10	4.7320	8.4646	.53954
#3	3.9818	.63201	15.923	1.3266	550.76	4.7340	8.4452	.53979

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	.60602	4.6914	2.4245	3.4771	19.503	1.280	127.01	4074.5
Stddev	.00032	.0290	.0019	.0064	.030	.001	.23	26.8
%RSD	.05280	.61762	.07612	.18468	.15171	.0830	.18120	.65778

#1	.60633	4.7102	2.4228	3.4830	19.531	1.281	127.19	4076.5
#2	.60605	4.6580	2.4265	3.4703	19.472	1.280	126.75	4100.2
#3	.60569	4.7060	2.4244	3.4781	19.506	1.280	127.09	4046.7

Sample Name: S5 Acquired: 12/29/2018 13:10:38 Type: Cal
Method: P4-ICP2(v2688) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-333.42
Stddev	2.45
%RSD	.73509

#1	-332.27
#2	-331.75
#3	-336.23

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3111.7	41940.	4022.7	89.077	3083.0
Stddev	8.8	29.	21.0	.542	8.7
%RSD	.28431	.06920	.52163	.60835	.28255

#1	3115.8	41907.	4002.3	88.523	3083.4
#2	3101.6	41949.	4044.2	89.103	3074.1
#3	3117.8	41963.	4021.7	89.606	3091.6

Sample Name: ICV01 Acquired: 12/29/2018 13:19:08 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99560	1.0023	.96592	.98654	.97546	2.5560	.51417	.49161
Stddev	.02549	.0235	.02204	.02305	.02241	.0415	.00261	.00611
%RSD	2.5599	2.3473	2.2822	2.3368	2.2970	1.6254	.50833	1.2424
#1	1.0095	1.0180	.98150	.99696	.99118	2.5343	.51707	.49272
#2	1.0111	1.0136	.97555	1.0025	.98539	2.5297	.51343	.48502
#3	.96619	.97524	.94069	.96011	.94980	2.6039	.51200	.49708
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46843	10.589	.51229	.48410	.52163	4.8085	.52253	6.0977
Stddev	.01057	.062	.00714	.01097	.01180	.0750	.00582	.0214
%RSD	2.2557	.58688	1.3940	2.2670	2.2631	1.5607	1.1144	.35026
#1	.47574	10.518	.51488	.49100	.52882	4.8029	.52325	6.0893
#2	.47324	10.614	.50422	.48985	.52806	4.7364	.51637	6.0817
#3	.45632	10.635	.51778	.47144	.50800	4.8861	.52795	6.1219
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48358	.47432	10.027	.50029	.99862	10.374	2.4894	2.5333
Stddev	.01132	.00627	.058	.00516	.01332	.038	.0577	.0083
%RSD	2.3398	1.3224	.57908	1.0305	1.3340	.36314	2.3192	.32563
#1	.49114	.47700	10.094	.50047	1.0045	10.360	2.5254	2.5356
#2	.48904	.46716	9.9942	.49505	.98337	10.417	2.5201	2.5242
#3	.47057	.47881	9.9923	.50536	1.0080	10.345	2.4228	2.5402
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00466	2.4681	2.3467	2.5085	F .00139	F -.0003	F .00669	F 2.7786
Stddev	.00145	.0120	.0544	.0059	.00087	.0007	.00007	.1814
%RSD	31.049	.48424	2.3165	.23461	62.708	247.6	1.0620	6.5286
#1	.00324	2.4778	2.3811	2.5117	.00157	-.0003	.00671	2.9385
#2	.00460	2.4716	2.3748	2.5121	.00216	.0004	.00675	2.5815
#3	.00613	2.4547	2.2840	2.5017	.00044	-.0010	.00661	2.8157

Sample Name: ICV01 Acquired: 12/29/2018 13:19:08 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.7089
Stddev	.3688
%RSD	21.579

#1	1.9436
#2	1.8993
#3	1.2839

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3319.0	44069.	4089.8	97.507	3643.7
Stddev	71.4	560.	19.4	1.516	80.4
%RSD	2.1525	1.2718	.47552	1.5548	2.2063

#1	3268.8	43914.	4073.0	96.903	3583.9
#2	3287.3	44690.	4085.2	99.232	3612.1
#3	3400.8	43602.	4111.1	96.387	3735.1

Sample Name: LLICV01 Acquired: 12/29/2018 13:22:54 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02042	.04303	.01002	.01790	.05378	.09815	.10584	.00603
Stddev	.00220	.00037	.00005	.00074	.00094	.00782	.00072	.00006
%RSD	10.756	.85341	.49688	4.1568	1.7428	7.9700	.68357	.94707
#1	.02087	.04304	.01001	.01723	.05485	.10572	.10636	.00608
#2	.01804	.04340	.00997	.01870	.05339	.09010	.10616	.00597
#3	.02236	.04266	.01007	.01778	.05310	.09862	.10502	.00603
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00554	2.1118	.01066	.03125	.02124	.10184	.02197	2.1214
Stddev	.00003	.0199	.00028	.00019	.00012	.01229	.00002	.0376
%RSD	.57658	.94157	2.5913	.60971	.57220	12.067	.10172	1.7700
#1	.00557	2.1010	.01089	.03145	.02125	.11085	.02200	2.1589
#2	.00553	2.0997	.01035	.03108	.02135	.10683	.02196	2.1214
#3	.00551	2.1348	.01073	.03120	.02111	.08784	.02195	2.0838
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04109	.01054	2.0351	.04203	.04172	2.0441	.19803	.10466
Stddev	.00008	.00024	.0093	.00026	.00023	.0193	.00099	.00622
%RSD	.19485	2.2438	.45802	.61431	.54732	.94440	.49794	5.9424
#1	.04117	.01048	2.0426	.04201	.04195	2.0617	.19914	.10688
#2	.04109	.01081	2.0246	.04230	.04149	2.0234	.19723	.10946
#3	.04101	.01035	2.0379	.04178	.04172	2.0472	.19773	.09763
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01708	.41667	.03961	.04287	.02030	F .0159	.02009	F 1.9195
Stddev	.00223	.00439	.00067	.00104	.00079	.0007	.00008	.0714
%RSD	13.047	1.0533	1.6843	2.4282	3.8687	4.131	.41315	3.7189
#1	.01588	.41796	.04022	.04403	.02019	.0162	.02001	1.9045
#2	.01570	.41177	.03889	.04200	.01958	.0164	.02017	1.9972
#3	.01965	.42026	.03972	.04259	.02114	.0152	.02011	1.8568

Sample Name: LLICV01 Acquired: 12/29/2018 13:22:54 Type: Unk
 Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .44863
Stddev	.23634
%RSD	52.681

#1	.22125
#2	.69302
#3	.43161

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3472.8	47067.	4283.8	101.81	3922.9
Stddev	10.0	234.	13.1	.07	12.1
%RSD	.28725	.49801	.30499	.06962	.30899

#1	3470.1	46903.	4269.1	101.73	3921.2
#2	3464.5	46962.	4288.1	101.86	3911.7
#3	3483.9	47335.	4294.2	101.83	3935.8

Sample Name: ICB01 Acquired: 12/29/2018 13:26:57 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00102	.00071	-.00286	-.00291	.00015	-.00639	.00296	.00001
Stddev	.00143	.00083	.00020	.00105	.00059	.00497	.00028	.00004
%RSD	140.33	116.89	6.9822	36.284	392.99	77.768	9.3353	357.48
#1	.00261	.00165	-.00303	-.00358	.00083	-.00504	.00309	-.00003
#2	-.00014	.00009	-.00290	-.00346	-.00025	-.00223	.00314	.00002
#3	.00058	.00038	-.00264	-.00169	-.00013	-.01189	.00264	.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00852	.00040	.00005	-.00019	.00622	-.00002	.00879
Stddev	.00002	.01366	.00032	.00001	.00038	.00116	.00001	.04718
%RSD	355.95	160.41	79.427	13.130	195.53	18.674	43.525	536.80
#1	-.00000	-.00721	.00072	.00005	-.00059	.00668	-.00003	.04680
#2	.00001	.01748	.00008	.00005	-.00013	.00708	-.00003	.02359
#3	-.00003	.01527	.00039	.00006	.00015	.00490	-.00001	-.04402
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00048	.00024	-.02895	-.00046	-.00132	-.00659	-.00005	.00221
Stddev	.00013	.00021	.01807	.00003	.00004	.00862	.00013	.00135
%RSD	27.563	86.491	62.436	6.5183	3.0032	130.75	279.55	61.362
#1	.00062	.00048	-.04816	-.00043	-.00137	-.00612	.00011	.00333
#2	.00036	.00009	-.02640	-.00046	-.00129	.00178	-.00011	.00259
#3	.00046	.00016	-.01228	-.00049	-.00130	-.01543	-.00014	.00070
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00040	.00145	-.00068	.00381	-.00011	-.0017	.00004	F 2.2165
Stddev	.00094	.00074	.00039	.00089	.00076	.0006	.00009	.0573
%RSD	233.74	50.896	58.176	23.377	683.40	34.12	209.29	2.5841
#1	-.00022	.00199	-.00077	.00449	-.00012	-.0016	.00013	2.2824
#2	.00043	.00061	-.00024	.00414	.00065	-.0023	.00005	2.1879
#3	-.00143	.00175	-.00101	.00280	-.00087	-.0012	-.00005	2.1791

Sample Name: ICB01 Acquired: 12/29/2018 13:26:57 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .66162
Stddev	.62725
%RSD	94.805

#1	1.3393
#2	.54409
#3	.10145

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3519.9	47255.	4265.6	103.24	4019.1
Stddev	10.8	43.	41.7	1.59	15.0
%RSD	.30674	.09070	.97663	1.5418	.37204

#1	3511.7	47260.	4304.5	104.08	4008.1
#2	3515.9	47209.	4221.6	101.40	4013.2
#3	3532.1	47295.	4270.6	104.23	4036.1

Sample Name: CRI01 Acquired: 12/29/2018 13:31:05 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02007	.04195	.00914	.01731	.05225	.10432	.10565	.00607
Stddev	.00048	.00029	.00095	.00144	.00100	.00463	.00109	.00004
%RSD	2.4012	.68746	10.347	8.3102	1.9212	4.4347	1.0350	.68137
#1	.02055	.04163	.00930	.01823	.05340	.09899	.10691	.00606
#2	.01958	.04203	.00812	.01805	.05179	.10727	.10492	.00604
#3	.02009	.04219	.00999	.01565	.05156	.10671	.10513	.00612
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00548	2.1330	.01096	.03062	.02104	.09920	.02206	2.1020
Stddev	.00010	.0100	.00028	.00015	.00031	.00216	.00007	.0186
%RSD	1.7695	.47011	2.5253	.50152	1.4718	2.1731	.31688	.88353
#1	.00551	2.1215	.01099	.03074	.02137	.10074	.02207	2.1126
#2	.00555	2.1392	.01122	.03067	.02099	.09674	.02198	2.0805
#3	.00537	2.1384	.01067	.03045	.02076	.10013	.02212	2.1128
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04087	.01047	2.0083	.04237	.04120	2.0602	.19620	.10328
Stddev	.00054	.00054	.0067	.00033	.00066	.0115	.00030	.00429
%RSD	1.3254	5.1130	.33230	.78706	1.6028	.55694	.15342	4.1501
#1	.04149	.01094	2.0159	.04272	.04162	2.0590	.19610	.09862
#2	.04052	.01058	2.0035	.04206	.04044	2.0493	.19596	.10419
#3	.04059	.00989	2.0055	.04234	.04154	2.0722	.19653	.10705
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01631	.40532	.03685	.04355	.01917	.0165	.02016	F 2.2681
Stddev	.00101	.00338	.00046	.00121	.00144	.0001	.00004	.1369
%RSD	6.2097	.83327	1.2376	2.7743	7.5024	.8685	.18035	6.0375
#1	.01720	.40845	.03708	.04421	.01966	.0164	.02020	2.3250
#2	.01521	.40174	.03632	.04216	.01755	.0167	.02015	2.3675
#3	.01652	.40577	.03715	.04430	.02030	.0164	.02014	2.1119

Sample Name: CRI01 Acquired: 12/29/2018 13:31:05 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.0289
Stddev	.1508
%RSD	14.658

#1	.99062
#2	.90085
#3	1.1951

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3487.0	46934.	4264.0	102.89	3950.8
Stddev	6.8	135.	11.8	1.29	10.3
%RSD	.19449	.28738	.27653	1.2508	.25996

#1	3479.2	46826.	4262.8	102.43	3939.0
#2	3490.0	46892.	4276.4	104.34	3955.3
#3	3491.7	47085.	4252.9	101.89	3958.0

Sample Name: ICSA01 Acquired: 12/29/2018 13:35:10 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00069	-.00388	.00226	.01144	.00934	264.37	.01590
Stddev	.00168	.00128	.00026	.00275	.00112	.60	.00017
%RSD	243.40	33.089	11.659	24.080	11.958	.22828	1.0664

#1	.00214	-.00536	.00213	.01255	.01041	264.30	.01609
#2	.00107	-.00319	.00208	.00830	.00818	263.79	.01583
#3	-.00114	-.00309	.00256	.01346	.00943	265.00	.01578

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00053	.00118	246.39	.05632	.00155	-.00717	91.825
Stddev	.00002	.00011	1.06	.00088	.00019	.00060	2.599
%RSD	4.0062	9.5721	.43062	1.5565	12.007	8.2991	2.8300

#1	.00053	.00117	245.49	.05726	.00142	-.00765	91.222
#2	.00056	.00107	247.56	.05553	.00146	-.00737	94.673
#3	.00051	.00129	246.12	.05618	.00176	-.00651	89.581

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01697	245.66	-.00474	-.00301	.01679	.00277	.00171
Stddev	.00005	.96	.00006	.00055	.00107	.00011	.00016
%RSD	.28745	.39237	1.2974	18.392	6.3997	3.8002	9.3605

#1	.01698	245.50	-.00467	-.00272	.01637	.00286	.00167
#2	.01692	246.69	-.00476	-.00267	.01598	.00280	.00188
#3	.01701	244.78	-.00479	-.00365	.01801	.00265	.00157

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05450	.00380	.05475	.00441	-.00119	.00487	.00555
Stddev	.04831	.00036	.00992	.00214	.00111	.00073	.00110
%RSD	88.630	9.3947	18.117	48.473	93.251	14.924	19.817

#1	.10039	.00421	.04643	.00205	-.00228	.00566	.00680
#2	.05904	.00367	.06573	.00498	-.00123	.00473	.00476
#3	.00409	.00353	.05209	.00621	-.00006	.00422	.00508

Sample Name: ICSA01 Acquired: 12/29/2018 13:35:10 Type: Unk
 Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01298	.0034	.00423	F 3.6476	F<.00000
Stddev	.00104	.0005	.00272	.0601	.21217
%RSD	8.0104	13.45	64.324	1.6486	26.907

#1	.01395	.0031	.00456	3.7108	-.58671
#2	.01188	.0039	.00136	3.6412	-1.0097
#3	.01313	.0031	.00677	3.5910	-.76921

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3136.8	41655.	4152.2	91.712	3159.2
Stddev	12.1	100.	15.6	2.579	3.3
%RSD	.38658	.23961	.37552	2.8117	.10523

#1	3123.0	41623.	4149.8	92.161	3155.6
#2	3145.4	41767.	4138.0	88.938	3159.7
#3	3142.1	41576.	4168.9	94.036	3162.1

Sample Name: ICSAB01 Acquired: 12/29/2018 13:39:21 Type: Unk
Method: P4-ICP2(v2688) 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	.09534	.08647	.04617	.05538	.59249	258.53	.50375
Stddev	.00429	.00037	.00184	.00093	.00252	.92	.00126
%RSD	4.5026	.42559	3.9814	1.6829	.42592	.35436	.25097

#1	.09767	.08690	.04624	.05622	.59373	258.00	.50402
#2	.09038	.08625	.04429	.05555	.59415	258.01	.50237
#3	.09796	.08627	.04797	.05438	.58958	259.59	.50486

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51910	.93514	240.60	.55548	.47249	.47075	90.462
Stddev	.00050	.00220	.32	.00288	.00180	.00223	1.199
%RSD	.09541	.23502	.13133	.51773	.37993	.47339	1.3250

#1	.51922	.93717	240.51	.55401	.47402	.46915	91.459
#2	.51856	.93281	240.96	.55365	.47294	.47329	89.132
#3	.51953	.93545	240.35	.55880	.47051	.46980	90.795

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51131	240.49	.92305	.21129	-.01560	.48007	.99208
Stddev	.00028	.02	.00152	.00026	.00568	.00198	.01388
%RSD	.05494	.01028	.16423	.12281	36.443	.41247	1.3994

#1	.51140	240.50	.92480	.21159	-.01985	.48000	1.0052
#2	.51154	240.46	.92228	.21110	-.00914	.47813	.97756
#3	.51100	240.51	.92207	.21118	-.01780	.48209	.99345

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01758	F .98168	F 1.0326	-.00143	F .93098	F .97569	F .96930
Stddev	.01264	.00388	.0097	.00120	.00299	.00349	.00438
%RSD	71.886	.39544	.93942	84.170	.32069	.35791	.45207

#1	-.02792	.97752	1.0266	-.00160	.92808	.97248	.97428
#2	-.02132	.98521	1.0274	-.00253	.93405	.97941	.96604
#3	-.00349	.98231	1.0438	-.00015	.93080	.97518	.96757

Sample Name: ICSAB01 Acquired: 12/29/2018 13:39:21 Type: Unk
Method: P4-ICP2(v2688) 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	.00594	F .0011	F -.00122	F 3.7267	F<.00000
Stddev	.00100	.0028	.00152	.0664	.36057
%RSD	16.772	258.2	124.80	1.7831	34.575
#1	.00480	-.0022	-.00246	3.6626	-1.3840
#2	.00639	.0025	.00048	3.7223	-.66557
#3	.00663	.0029	-.00166	3.7953	-1.0791
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3136.5	41858.	4167.7	91.167	3163.6
Stddev	10.0	63.	9.7	1.176	3.2
%RSD	.31849	.14997	.23341	1.2897	.10210
#1	3145.6	41891.	4167.0	90.081	3161.5
#2	3125.8	41897.	4158.3	92.415	3167.3
#3	3137.9	41786.	4177.7	91.005	3162.0

Sample Name: CCV01 Acquired: 12/29/2018 13:43:16 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8257	4.6157	4.6850	4.7220	4.8064	9.5884	9.6035	.23651
Stddev	.0156	.0130	.0091	.0099	.0098	.0359	.0114	.00058
%RSD	.32227	.28053	.19489	.20932	.20446	.37413	.11871	.24545
#1	4.8437	4.6264	4.6816	4.7300	4.8177	9.5545	9.6117	.23671
#2	4.8164	4.6195	4.6953	4.7110	4.8010	9.5847	9.5905	.23585
#3	4.8171	4.6013	4.6780	4.7252	4.8004	9.6260	9.6083	.23696
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3090	24.870	.96861	2.3154	1.1937	4.5676	2.3978	23.871
Stddev	.0035	.068	.00560	.0042	.0056	.0579	.0065	.065
%RSD	.15229	.27235	.57861	.17942	.46641	1.2677	.27098	.27375
#1	2.3099	24.949	.97480	2.3174	1.2001	4.6123	2.3999	23.849
#2	2.3120	24.833	.96715	2.3183	1.1900	4.5022	2.3905	23.819
#3	2.3052	24.829	.96388	2.3107	1.1910	4.5884	2.4030	23.944
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2881	1.2240	23.342	2.3024	2.3869	24.131	4.8276	4.7742
Stddev	.0025	.0013	.014	.0055	.0394	.085	.0075	.0204
%RSD	.10739	.10264	.06104	.23810	1.6507	.35316	.15521	.42670
#1	2.2877	1.2253	23.359	2.3053	2.4270	24.198	4.8361	4.7724
#2	2.2907	1.2238	23.333	2.2961	2.3482	24.035	4.8219	4.7954
#3	2.2859	1.2228	23.335	2.3059	2.3855	24.160	4.8247	4.7548
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4.4880	4.8369	4.6582	4.7354	4.8211	4.617	4.9764	F 3.2774
Stddev	.0104	.0247	.0027	.0116	.0138	.012	.0198	.1029
%RSD	.23093	.51112	.05776	.24405	.28534	.2575	.39827	3.1380
#1	4.4964	4.8641	4.6552	4.7242	4.8370	4.627	4.9971	3.3920
#2	4.4911	4.8310	4.6604	4.7347	4.8137	4.619	4.9747	3.2472
#3	4.4764	4.8158	4.6590	4.7472	4.8126	4.604	4.9575	3.1931

Sample Name: CCV01 Acquired: 12/29/2018 13:43:16 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.4273
Stddev .3100
%RSD 12.773

#1 2.1841
#2 2.7764
#3 2.3213

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3334.1	45041.	4217.9	97.041	3509.4
Stddev	12.0	173.	36.3	1.651	10.4
%RSD	.36025	.38342	.86006	1.7015	.29742

#1	3320.6	44841.	4178.9	95.317	3501.8
#2	3338.3	45139.	4224.2	98.608	3505.1
#3	3343.5	45141.	4250.6	97.200	3521.3

Sample Name: LLCCV01 Acquired: 12/29/2018 13:46:56 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01908	.04298	.01102	.01947	.05259	.10193	.10612	.00605
Stddev	.00042	.00070	.00087	.00106	.00022	.01840	.00091	.00008
%RSD	2.2133	1.6386	7.9147	5.4659	.41807	18.049	.85806	1.2603
#1	.01951	.04348	.01199	.02070	.05279	.11285	.10667	.00609
#2	.01907	.04329	.01031	.01882	.05236	.08069	.10662	.00610
#3	.01867	.04218	.01075	.01889	.05261	.11226	.10507	.00596
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00546	2.1224	.01085	.03086	.02037	.09853	.02181	2.1362
Stddev	.00006	.0210	.00033	.00019	.00019	.01217	.00012	.0356
%RSD	1.0641	.98889	3.0842	.61013	.92351	12.350	.56286	1.6649
#1	.00543	2.1395	.01098	.03105	.02027	.08518	.02186	2.1101
#2	.00552	2.0990	.01111	.03067	.02025	.10899	.02190	2.1217
#3	.00542	2.1286	.01047	.03087	.02058	.10143	.02167	2.1767
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04087	.01089	2.0065	.04175	.04148	2.0569	.19793	.10670
Stddev	.00052	.00012	.0085	.00039	.00042	.0250	.00024	.00735
%RSD	1.2754	1.1248	.42299	.92388	1.0066	1.2147	.11946	6.8881
#1	.04036	.01087	2.0071	.04213	.04133	2.0287	.19818	.11137
#2	.04084	.01078	1.9977	.04175	.04195	2.0761	.19770	.11051
#3	.04140	.01102	2.0146	.04136	.04115	2.0659	.19791	.09823
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01455	.41216	.03730	.04344	.01991	.0172	.02033	F 2.3815
Stddev	.00085	.00254	.00023	.00079	.00144	.0010	.00002	.0295
%RSD	5.8419	.61683	.62497	1.8171	7.2177	6.102	.08103	1.2396
#1	.01546	.41008	.03748	.04271	.02127	.0184	.02032	2.3822
#2	.01443	.41500	.03738	.04333	.02006	.0165	.02032	2.3517
#3	.01377	.41141	.03704	.04428	.01841	.0166	.02035	2.4107

Sample Name: LLCCV01 Acquired: 12/29/2018 13:46:56 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .65133
Stddev	.06804
%RSD	10.446

#1	.70222
#2	.57405
#3	.67772

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3470.4	46972.	4261.7	102.56	3959.5
Stddev	3.2	122.	10.1	.94	1.5
%RSD	.09224	.25998	.23699	.91735	.03898

#1	3467.2	46840.	4260.3	102.80	3957.8
#2	3473.6	46995.	4272.5	101.52	3959.7
#3	3470.4	47081.	4252.4	103.35	3960.9

Sample Name: CCB01 Acquired: 12/29/2018 13:51:02 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	.00048	-.00233	-.00091	-.00097	-.00666	.00273	-.00000
Stddev	.00161	.00038	.00014	.00115	.00059	.00455	.00052	.00002
%RSD	546.86	78.147	5.8344	126.90	61.059	68.327	19.077	8576.7
#1	-.00155	.00013	-.00236	-.00138	-.00051	-.00215	.00260	.00002
#2	.00152	.00044	-.00246	-.00175	-.00164	-.00659	.00330	-.00000
#3	-.00085	.00088	-.00219	.00041	-.00077	-.01126	.00228	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.01330	.00036	-.00019	-.00050	.00347	-.00002	-.01578
Stddev	.00003	.00606	.00013	.00008	.00037	.00646	.00001	.04612
%RSD	78.705	45.520	36.542	44.130	73.179	186.01	36.061	292.24
#1	-.00007	.01723	.00021	-.00025	-.00013	.00025	-.00001	.02455
#2	-.00002	.00633	.00047	-.00009	-.00050	-.00075	-.00003	-.00583
#3	-.00002	.01636	.00041	-.00023	-.00086	.01091	-.00003	-.06607
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00064	-.00020	-.06108	-.00028	-.00130	-.01479	-.00014	.00243
Stddev	.00040	.00037	.01741	.00026	.00009	.01779	.00010	.00156
%RSD	62.208	185.79	28.511	93.710	6.5954	120.26	70.870	64.042
#1	.00084	.00005	-.07998	.00001	-.00128	-.02057	-.00022	.00221
#2	.00018	-.00063	-.05757	-.00048	-.00122	.00517	-.00016	.00100
#3	.00091	-.00003	-.04568	-.00036	-.00139	-.02897	-.00003	.00409
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00104	.00173	-.00228	.00590	-.00228	-.0016	.00000	F 2.8133
Stddev	.00152	.00134	.00056	.00155	.00056	.0006	.00004	.0837
%RSD	146.09	77.455	24.367	26.214	24.478	34.85	915730.	2.9754
#1	-.00270	.00196	-.00228	.00457	-.00164	-.0022	-.00003	2.8131
#2	.00028	.00293	-.00284	.00553	-.00269	-.0011	.00005	2.8971
#3	-.00070	.00029	-.00173	.00760	-.00251	-.0015	-.00002	2.7297

Sample Name: CCB01 Acquired: 12/29/2018 13:51:02 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .58137
Stddev	.10895
%RSD	18.741

#1	.52897
#2	.50852
#3	.70662

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3477.7	46982.	4225.5	103.05	4013.6
Stddev	6.5	171.	39.1	2.18	8.0
%RSD	.18650	.36350	.92500	2.1129	.19986

#1	3471.8	46786.	4229.6	104.20	4004.4
#2	3484.6	47070.	4184.6	100.54	4019.0
#3	3476.9	47091.	4262.4	104.42	4017.5

Sample Name: LR CHECK1 Acquired: 12/29/2018 13:54:52 Type: Unk
Method: P4-ICP2(v2688) 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	-.05141	-.06339	.39850	.07512	.04710	1946.0	.28044	.00329
Stddev	.00184	.00793	.00510	.01167	.00058	9.0	.00131	.00006
%RSD	3.5778	12.510	1.2792	15.541	1.2386	.46246	.46580	1.9042
#1	-.05212	-.05423	.40301	.06936	.04650	1940.4	.27897	.00329
#2	-.04932	-.06802	.39951	.06744	.04766	1941.3	.28148	.00323
#3	-.05279	-.06792	.39297	.08855	.04713	1956.4	.28088	.00336
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01355	1638.3	.06172	.03817	.11033	836.73	.14118	1648.6
Stddev	.00308	3.6	.00044	.00046	.00658	20.48	.00075	8.0
%RSD	22.695	.21759	.70599	1.1939	5.9663	2.4482	.53314	.48689
#1	.01611	1634.4	.06197	.03768	.11622	817.63	.14031	1639.6
#2	.01441	1641.5	.06198	.03858	.11153	834.18	.14164	1655.0
#3	.01014	1639.0	.06122	.03825	.10323	858.37	.14159	1651.2
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25345	-.04229	F 1955.0	.00145	.18514	918.90	.00638	.46052
Stddev	.00136	.00242	22.8	.00055	.00557	7.68	.00092	.03253
%RSD	.53784	5.7190	1.1672	37.619	3.0078	.83570	14.413	7.0646
#1	.25198	-.04448	1930.7	.00084	.18029	911.54	.00733	.42913
#2	.25370	-.04269	1976.0	.00190	.18393	918.29	.00550	.45834
#3	.25467	-.03969	1958.3	.00161	.19122	926.86	.00632	.49409
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36124	.03575	.02506	-.03714	.06678	.0366	-.90475	2.7500
Stddev	.00901	.00166	.00130	.00110	.00128	.0026	.02257	.0362
%RSD	2.4939	4.6322	5.2014	2.9558	1.9197	6.998	2.4946	1.3171
#1	.35568	.03738	.02377	-.03588	.06530	.0336	-.88365	2.7420
#2	.35642	.03407	.02638	-.03766	.06762	.0378	-.90206	2.7184
#3	.37164	.03578	.02504	-.03789	.06741	.0383	-.92855	2.7895

Sample Name: LR CHECK1 Acquired: 12/29/2018 13:54:52 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg ^ *****
Stddev ----
%RSD ----

#1 ^ ----
#2 ^ ----
#3 ^ ----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2408.2	32480.	3705.7	70.960	2011.2
Stddev	4.7	100.	22.4	1.880	9.0
%RSD	.19550	.30806	.60512	2.6499	.44829

#1	2406.7	32569.	3731.2	72.673	2006.7
#2	2404.3	32500.	3696.9	71.258	2005.3
#3	2413.4	32372.	3689.1	68.948	2021.6

Sample Name: LR CHECK2 Acquired: 12/29/2018 13:59:27 Type: Unk
Method: P4-ICP2(v2688) 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	-.00278	-.01914	228.79	.01603	-.02876	-.26079	F 106.16	-.00064
Stddev	.00114	.00103	.54	.00152	.00147	.00750	.63	.00001
%RSD	40.873	5.3560	.23483	9.4782	5.1250	2.8747	.59780	1.7835
#1	-.00150	-.01989	228.18	.01589	-.03039	-.26472	105.70	-.00063
#2	-.00366	-.01797	229.17	.01761	-.02751	-.25214	106.89	-.00064
#3	-.00318	-.01956	229.02	.01458	-.02839	-.26550	105.90	-.00065
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00713	.20799	-.12298	-.00884	228.86	-.75421	42.152	-.05929
Stddev	.00009	.01764	.00081	.00019	1.20	.01213	.096	.01548
%RSD	1.2308	8.4831	.66256	2.1658	.52344	1.6084	.22875	26.107
#1	-.00723	.22812	-.12209	-.00870	227.80	-.74113	42.072	-.05464
#2	-.00706	.20068	-.12314	-.00906	228.63	-.76509	42.126	-.07656
#3	-.00710	.19518	-.12370	-.00877	230.16	-.75643	42.259	-.04666
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 54.315	.00752	.98365	-.00225	32.210	.91123	-.00424	-.00118
Stddev	.278	.00017	.09141	.00058	.362	.11613	.00009	.00093
%RSD	.51172	2.2915	9.2929	25.718	1.1240	12.745	2.0270	78.743
#1	54.042	.00753	1.0783	-.00159	32.251	1.0197	-.00432	-.00161
#2	54.307	.00734	.97680	-.00253	31.829	.92527	-.00415	-.00181
#3	54.598	.00768	.89585	-.00264	32.549	.78871	-.00424	-.00011
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04750	-.00333	-.00365	.03407	.00217	-.1609	.00273	3.2833
Stddev	.00201	.00019	.00030	.00210	.00106	.0051	.00005	.1337
%RSD	4.2240	5.6907	8.2414	6.1512	48.984	3.177	1.9151	4.0731
#1	.04939	-.00312	-.00380	.03641	.00181	-.1660	.00279	3.2062
#2	.04539	-.00338	-.00331	.03342	.00337	-.1558	.00269	3.4377
#3	.04772	-.00349	-.00386	.03238	.00134	-.1608	.00270	3.2060

Sample Name: LR CHECK2 Acquired: 12/29/2018 13:59:27 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.90519
Stddev	.23936
%RSD	26.443

#1	.72705
#2	.81125
#3	1.1773

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3179.7	45769.	4264.0	95.103	3541.4
Stddev	16.7	282.	17.1	1.380	11.1
%RSD	.52535	.61719	.40166	1.4514	.31453

#1	3196.4	46095.	4249.1	94.917	3553.7
#2	3179.8	45593.	4260.2	96.567	3538.4
#3	3163.0	45619.	4282.7	93.825	3532.1

Sample Name: J6553-01 Acquired: 12/29/2018 14:04:21 Type: Unk
Method: P4-ICP2(v2688) 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	.06975	-.00233	14.522	.01902	.05145	62.613	.65215
Stddev	.00133	.00074	.022	.00177	.00038	.303	.00388
%RSD	1.9092	31.610	.15248	9.3176	.73053	.48397	.59554

#1	.07107	-.00283	14.535	.01784	.05188	62.429	.64950
#2	.06841	-.00148	14.535	.02106	.05127	62.962	.65661
#3	.06978	-.00268	14.497	.01817	.05120	62.446	.65035

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00408	.00603	18.321	.22619	.02773	.33759	110.28
Stddev	.00003	.00015	.242	.00105	.00025	.00030	1.47
%RSD	.84069	2.4846	1.3202	.46286	.91505	.08902	1.3308

#1	.00409	.00611	18.094	.22695	.02785	.33766	110.20
#2	.00410	.00612	18.576	.22662	.02790	.33784	108.85
#3	.00404	.00586	18.293	.22499	.02744	.33725	111.78

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4626	12.458	.09791	-.00153	.34793	.24249	1.0116
Stddev	.0010	.079	.00076	.00035	.00682	.00010	.0116
%RSD	.06518	.63089	.77918	22.662	1.9596	.04059	1.1451

#1	1.4619	12.476	.09705	-.00124	.35580	.24247	1.0055
#2	1.4637	12.372	.09816	-.00192	.34423	.24260	1.0043
#3	1.4623	12.526	.09851	-.00144	.34376	.24240	1.0250

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.9803	.00702	.09092	1.9301	4.4758	.35006	.64491
Stddev	.0199	.00005	.00118	.0049	.0220	.00120	.00276
%RSD	.28438	.66973	1.3020	.25245	.49162	.34203	.42776

#1	6.9929	.00705	.09216	1.9357	4.4598	.35014	.64569
#2	6.9905	.00697	.08981	1.9265	4.5009	.35122	.64185
#3	6.9574	.00704	.09078	1.9282	4.4667	.34883	.64720

Sample Name: J6553-01 Acquired: 12/29/2018 14:04:21 Type: Unk
Method: P4-ICP2(v2688) 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	.05464	7.497	-.04481	2.0843	F<.00000
Stddev	.00033	.015	.00219	.1256	.33699
%RSD	.59854	.1994	4.8764	6.0279	3.0293
#1	.05426	7.507	-.04528	1.9704	-11.181
#2	.05486	7.504	-.04243	2.2191	-11.430
#3	.05479	7.480	-.04672	2.0635	-10.763
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3529.9	47828.	4478.6	97.292	3601.4
Stddev	3.6	206.	52.8	1.116	9.6
%RSD	.10079	.43109	1.1797	1.1466	.26586
#1	3525.9	47937.	4530.9	97.846	3593.9
#2	3531.2	47591.	4425.3	98.022	3598.0
#3	3532.6	47958.	4479.4	96.008	3612.1

Sample Name: J6553-01DUP Acquired: 12/29/2018 14:08:12 Type: Unk
Method: P4-ICP2(v2688) 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	.07115	-.00191	14.429	.01975	.05218	61.843	.65121
Stddev	.00132	.00080	.078	.00286	.00098	.382	.00478
%RSD	1.8614	41.899	.53796	14.464	1.8742	.61761	.73381

#1	.07224	-.00111	14.408	.01707	.05117	61.503	.64580
#2	.07152	-.00192	14.515	.01943	.05312	62.256	.65485
#3	.06968	-.00272	14.364	.02275	.05226	61.771	.65299

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00401	.00594	18.116	.22494	.02785	.33426	110.18
Stddev	.00004	.00016	.234	.00097	.00021	.00168	1.30
%RSD	1.0591	2.6869	1.2908	.43029	.75444	.50130	1.1792

#1	.00400	.00579	17.854	.22443	.02806	.33325	109.69
#2	.00397	.00592	18.304	.22605	.02784	.33619	111.65
#3	.00405	.00610	18.190	.22433	.02764	.33333	109.19

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4544	12.180	.09689	-.00144	.32886	.23954	1.0083
Stddev	.0023	.070	.00082	.00032	.00812	.00051	.0125
%RSD	.15590	.57774	.84583	22.415	2.4686	.21495	1.2353

#1	1.4552	12.100	.09618	-.00108	.33531	.23900	1.0107
#2	1.4562	12.211	.09779	-.00155	.33153	.23960	1.0194
#3	1.4518	12.229	.09670	-.00170	.31974	.24002	.99482

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8822	.00721	.08316	1.9010	4.6011	.31041	.63947
Stddev	.0215	.00028	.00417	.0047	.0468	.00196	.00375
%RSD	.31264	3.8707	5.0130	.24946	1.0172	.63173	.58640

#1	6.8574	.00752	.08771	1.9043	4.5532	.31102	.63531
#2	6.8963	.00697	.08227	1.9031	4.6467	.31200	.64261
#3	6.8929	.00715	.07951	1.8956	4.6035	.30822	.64048

Sample Name: J6553-01DUP Acquired: 12/29/2018 14:08:12 Type: Unk
Method: P4-ICP2(v2688) 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	.05352	7.488	-.04486	2.0968	F<.00000
Stddev	.00138	.038	.00124	.1512	.91142
%RSD	2.5765	.5066	2.7574	7.2119	7.7053

#1	.05260	7.481	-.04534	2.0927	-11.922
#2	.05510	7.529	-.04579	2.2500	-12.689
#3	.05286	7.453	-.04346	1.9476	-10.874

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3548.6	48205.	4465.1	97.062	3610.3
Stddev	16.7	132.	30.5	1.138	18.5
%RSD	.46946	.27354	.68238	1.1722	.51304

#1	3553.0	48203.	4499.3	96.923	3618.9
#2	3530.2	48074.	4440.9	96.000	3589.0
#3	3562.6	48338.	4455.0	98.262	3622.9

Sample Name: J6553-01LX5 Acquired: 12/29/2018 14:12:01 Type: Unk
Method: P4-ICP2(v2688) 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	.01445	-.00023	2.9872	.00439	.01009	13.076	.14167	.00086
Stddev	.00143	.00129	.0114	.00048	.00084	.093	.00117	.00009
%RSD	9.8835	571.31	.38302	10.845	8.3547	.71278	.82447	9.9883

#1	.01419	-.00094	2.9751	.00427	.00985	13.074	.14109	.00093
#2	.01317	-.00100	2.9979	.00491	.00940	12.983	.14302	.00077
#3	.01599	.00126	2.9886	.00398	.01103	13.169	.14091	.00089

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00114	3.9521	.04902	.00572	.07642	22.881	.32080	2.6784
Stddev	.00009	.0368	.00042	.00015	.00058	.145	.00095	.0038
%RSD	7.5475	.93055	.86262	2.6689	.76209	.63158	.29537	.14056

#1	.00117	3.9188	.04904	.00560	.07575	22.717	.32115	2.6783
#2	.00104	3.9915	.04858	.00565	.07677	22.940	.31973	2.6822
#3	.00120	3.9460	.04943	.00589	.07675	22.987	.32152	2.6747

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02001	-.00107	.18264	.05099	.21521	1.6067	.00118	.00991
Stddev	.00046	.00024	.00463	.00046	.00138	.0171	.00021	.00320
%RSD	2.3027	22.217	2.5334	.89670	.64278	1.0630	17.439	32.304

#1	.01949	-.00107	.18053	.05077	.21388	1.6169	.00140	.00656
#2	.02019	-.00083	.17945	.05069	.21664	1.5870	.00116	.01022
#3	.02035	-.00131	.18795	.05152	.21510	1.6163	.00099	.01294

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38068	.75225	.06022	.13456	.01152	1.524	-.00871	2.8279
Stddev	.00365	.00411	.00109	.00067	.00021	.008	.00013	.1156
%RSD	.95757	.54669	1.8118	.50036	1.8223	.5258	1.5225	4.0891

#1	.37682	.74797	.05963	.13471	.01132	1.514	-.00864	2.9520
#2	.38407	.75259	.06147	.13383	.01152	1.527	-.00863	2.7232
#3	.38116	.75618	.05954	.13515	.01174	1.530	-.00886	2.8085

Sample Name: J6553-01LX5 Acquired: 12/29/2018 14:12:01 Type: Unk
 Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.4110
 Stddev .2242
 %RSD 5.0825

#1 4.2740
 #2 4.6697
 #3 4.2892

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3463.8	46708.	4256.6	98.853	3853.6
Stddev	3.4	214.	19.9	.434	12.7
%RSD	.09878	.45723	.46660	.43871	.32934

#1	3465.8	46561.	4271.7	99.200	3866.7
#2	3459.8	46953.	4234.1	98.367	3841.3
#3	3465.7	46610.	4264.0	98.992	3852.9

Sample Name: J6553-02 Acquired: 12/29/2018 14:15:59 Type: Unk
Method: P4-ICP2(v2688) 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	.79367	1.8276	14.944	1.7579	.77712	62.897	.83294
Stddev	.01358	.0400	.071	.0324	.01276	.383	.00923
%RSD	1.7112	2.1897	.47555	1.8430	1.6425	.60817	1.1085

#1	.77904	1.7895	14.908	1.7222	.76344	62.489	.84094
#2	.79609	1.8241	14.899	1.7659	.77919	62.955	.82284
#3	.80588	1.8693	15.026	1.7855	.78872	63.247	.83505

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17530	.18612	18.791	.58989	.21767	.60617	112.30
Stddev	.00049	.00369	.094	.00226	.00383	.00232	2.06
%RSD	.28129	1.9831	.50127	.38365	1.7615	.38293	1.8325

#1	.17526	.18247	18.809	.59021	.21377	.60353	112.46
#2	.17483	.18603	18.689	.58749	.21782	.60708	110.17
#3	.17581	.18985	18.875	.59198	.22143	.60789	114.28

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6015	13.927	.56065	.06444	2.9982	.49444	1.1941
Stddev	.0009	.030	.00964	.00061	.0256	.00117	.0228
%RSD	.05445	.21721	1.7188	.94499	.85349	.23613	1.9133

#1	1.6006	13.897	.55155	.06387	3.0215	.49322	1.1947
#2	1.6015	13.958	.55965	.06436	3.0023	.49456	1.1709
#3	1.6023	13.925	.57074	.06508	2.9708	.49554	1.2166

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.073	.38948	.34607	1.8491	7.4689	.93054	.88032
Stddev	.153	.00642	.00543	.0105	.0818	.01415	.01174
%RSD	.95041	1.6483	1.5696	.56591	1.0951	1.5210	1.3337

#1	16.240	.38280	.34580	1.8532	7.5264	.91898	.88164
#2	15.939	.39003	.34077	1.8372	7.3752	.92632	.89134
#3	16.041	.39561	.35163	1.8569	7.5050	.94632	.86797

Sample Name: J6553-02 Acquired: 12/29/2018 14:15:59 Type: Unk
Method: P4-ICP2(v2688) 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	.24262	F 12.24	.13956	2.3539	F<.00000
Stddev	.00161	.12	.00168	.0612	.09293
%RSD	.66486	.9800	1.2035	2.5981	.72109
#1	.24391	12.14	.14057	2.4223	-12.879
#2	.24313	12.21	.14048	2.3045	-12.800
#3	.24081	12.38	.13762	2.3349	-12.985
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3512.7	47780.	4387.5	95.187	3580.5
Stddev	11.6	81.	30.3	1.493	7.7
%RSD	.33023	.17018	.69065	1.5688	.21614
#1	3510.4	47873.	4361.0	94.822	3587.0
#2	3502.4	47744.	4420.5	96.829	3582.6
#3	3525.3	47723.	4380.9	93.910	3571.9

Sample Name: J6553-03 Acquired: 12/29/2018 14:19:38 Type: Unk
Method: P4-ICP2(v2688) 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	.83938	1.9526	14.965	1.8743	.82381	63.098	.84886
Stddev	.00266	.0045	.043	.0058	.00433	.199	.01814
%RSD	.31739	.23020	.28448	.30779	.52549	.31542	2.1366

#1	.83837	1.9568	15.014	1.8692	.82190	62.885	.82804
#2	.83737	1.9479	14.940	1.8805	.82076	63.280	.86119
#3	.84240	1.9531	14.941	1.8731	.82876	63.130	.85736

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19326	.19858	18.902	.62987	.23126	.62209	111.78
Stddev	.00022	.00071	.404	.00099	.00068	.00102	1.53
%RSD	.11409	.35652	2.1348	.15788	.29465	.16425	1.3645

#1	.19300	.19925	18.447	.63060	.23195	.62112	110.04
#2	.19340	.19784	19.041	.62874	.23059	.62201	112.44
#3	.19337	.19867	19.217	.63026	.23124	.62315	112.87

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6161	13.983	.59361	.07185	3.2227	.51928	1.2019
Stddev	.0006	.200	.00098	.00098	.0286	.00182	.0114
%RSD	.03814	1.4311	.16519	1.3678	.88787	.35130	.94788

#1	1.6166	13.752	.59424	.07077	3.1899	.52097	1.1889
#2	1.6164	14.105	.59248	.07210	3.2428	.51952	1.2070
#3	1.6155	14.091	.59410	.07269	3.2354	.51735	1.2099

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.866	.41299	.37070	1.8503	7.5273	.96982	.88161
Stddev	.284	.00095	.00379	.0036	.1240	.00307	.01524
%RSD	1.6843	.23088	1.0231	.19446	1.6475	.31646	1.7285

#1	16.538	.41203	.36669	1.8473	7.3842	.97266	.86420
#2	17.024	.41300	.37424	1.8492	7.5943	.96656	.88811
#3	17.037	.41394	.37116	1.8543	7.6034	.97023	.89253

Sample Name: J6553-03 Acquired: 12/29/2018 14:19:38 Type: Unk
Method: P4-ICP2(v2688) 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	.25875	F 12.61	.15869	2.4546	F<.00000
Stddev	.00334	.02	.00348	.0313	.73842
%RSD	1.2912	.1629	2.1951	1.2760	5.3342
#1	.25504	12.63	.15468	2.4253	-12.995
#2	.26151	12.61	.16098	2.4509	-14.192
#3	.25972	12.59	.16041	2.4876	-14.343
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3516.7	47641.	4380.6	95.198	3578.2
Stddev	5.8	54.	74.5	.801	14.2
%RSD	.16483	.11395	1.7015	.84116	.39645
#1	3519.7	47589.	4466.6	96.117	3562.1
#2	3510.1	47636.	4340.6	94.833	3583.9
#3	3520.5	47697.	4334.5	94.646	3588.7

Sample Name: J6553-01A Acquired: 12/29/2018 14:23:17 Type: Unk
Method: P4-ICP2(v2688) 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	.84517	1.9732	14.956	1.8867	.82958	62.403	.83695
Stddev	.00389	.0077	.014	.0059	.00110	.589	.00598
%RSD	.45973	.38874	.09677	.31381	.13207	.94402	.71412

#1	.84073	1.9672	14.962	1.8803	.82908	61.927	.83015
#2	.84795	1.9704	14.966	1.8876	.82883	62.221	.83935
#3	.84682	1.9818	14.939	1.8921	.83084	63.062	.84136

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19282	.20037	18.742	.63169	.23290	.62474	109.11
Stddev	.00140	.00043	.190	.00411	.00056	.00155	.84
%RSD	.72374	.21527	1.0138	.65024	.24088	.24758	.77016

#1	.19192	.19992	18.525	.62817	.23226	.62437	108.46
#2	.19212	.20042	18.824	.63070	.23312	.62341	108.80
#3	.19443	.20078	18.877	.63620	.23332	.62644	110.06

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6067	13.800	.59724	.07133	3.1959	.51756	1.1837
Stddev	.0108	.152	.00226	.00052	.0295	.00424	.0045
%RSD	.67064	1.0996	.37823	.73515	.92235	.81945	.37953

#1	1.5989	13.631	.59542	.07075	3.1619	.51373	1.1851
#2	1.6022	13.924	.59654	.07146	3.2142	.51685	1.1787
#3	1.6190	13.845	.59977	.07178	3.2116	.52212	1.1874

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.778	.41465	.36976	1.8445	7.4593	.97204	.86643
Stddev	.112	.00115	.00366	.0075	.0055	.00194	.01028
%RSD	.66975	.27844	.98872	.40568	.07408	.19942	1.1864

#1	16.651	.41333	.37251	1.8364	7.4633	.96983	.85588
#2	16.864	.41510	.36561	1.8513	7.4530	.97348	.86699
#3	16.819	.41550	.37117	1.8457	7.4617	.97280	.87641

Sample Name: J6553-01A Acquired: 12/29/2018 14:23:17 Type: Unk
Method: P4-ICP2(v2688) 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	.25571	F 12.62	.16052	2.4942	F<.00000
Stddev	.00112	.00	.00146	.0890	.29881
%RSD	.43887	.0112	.90690	3.5682	2.1147
#1	.25448	12.62	.15944	2.4954	-14.448
#2	.25669	12.62	.16217	2.4046	-14.089
#3	.25595	12.63	.15994	2.5825	-13.854
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3528.3	47831.	4406.4	96.749	3582.7
Stddev	6.9	321.	26.9	.391	4.7
%RSD	.19545	.67064	.60961	.40373	.13257
#1	3524.4	47998.	4437.3	96.530	3580.1
#2	3524.2	48034.	4389.4	97.200	3579.8
#3	3536.2	47461.	4392.4	96.517	3588.2

Sample Name: J6553-13 Acquired: 12/29/2018 14:26:57 Type: Unk
Method: P4-ICP2(v2688) 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	.06163	-.00155	7.5610	.01231	.38853	57.859	.31960
Stddev	.00155	.00030	.0664	.00046	.00111	.164	.00439
%RSD	2.5093	19.372	.87859	3.7292	.28639	.28324	1.3742

#1	.06090	-.00124	7.6292	.01189	.38948	57.686	.32056
#2	.06340	-.00184	7.4965	.01280	.38880	57.879	.31481
#3	.06058	-.00157	7.5573	.01224	.38731	58.012	.32343

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00381	-.00073	4.2527	.09526	.04456	.07902	72.025
Stddev	.00004	.00022	.0682	.00029	.00065	.00174	1.424
%RSD	1.0392	30.651	1.6040	.30876	1.4557	2.2065	1.9777

#1	.00382	-.00056	4.2358	.09520	.04520	.08031	70.875
#2	.00376	-.00065	4.1945	.09501	.04391	.07970	71.582
#3	.00384	-.00099	4.3278	.09559	.04458	.07703	73.618

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7504	6.3939	.05103	-.00220	.11167	.10578	.27044
Stddev	.0065	.1477	.00022	.00025	.00906	.00082	.00378
%RSD	.37119	2.3093	.42293	11.374	8.1151	.77613	1.3970

#1	1.7577	6.3466	.05126	-.00206	.11176	.10486	.26729
#2	1.7479	6.2757	.05084	-.00249	.10257	.10644	.26939
#3	1.7455	6.5594	.05098	-.00205	.12069	.10604	.27463

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6935	.03465	.05034	.71439	2.7167	.01154	.60954
Stddev	.0441	.00029	.00314	.00444	.1245	.00016	.01349
%RSD	1.6371	.83222	6.2422	.62172	4.5846	1.3767	2.2138

#1	2.6593	.03495	.04695	.71952	2.6337	.01140	.60749
#2	2.6778	.03437	.05092	.71183	2.6566	.01150	.59720
#3	2.7432	.03462	.05315	.71182	2.8599	.01172	.62395

Sample Name: J6553-13 Acquired: 12/29/2018 14:26:57 Type: Unk
Method: P4-ICP2(v2688) 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	.03889	7.253	-.04257	2.3981	F<.00000
Stddev	.00250	.050	.00128	.0641	.20912
%RSD	6.4286	.6898	3.0013	2.6751	6.6223
#1	.03942	7.308	-.04126	2.4235	-2.9344
#2	.03617	7.209	-.04262	2.4456	-3.3489
#3	.04108	7.243	-.04382	2.3251	-3.1899
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3563.4	48303.	4431.9	98.189	3729.5
Stddev	12.3	209.	45.3	1.422	28.1
%RSD	.34635	.43352	1.0218	1.4481	.75348
#1	3549.2	48154.	4412.8	99.319	3700.4
#2	3571.5	48213.	4483.5	98.655	3756.5
#3	3569.6	48542.	4399.2	96.592	3731.5

Sample Name: J6553-14 Acquired: 12/29/2018 14:30:53 Type: Unk
Method: P4-ICP2(v2688) 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	.76977	1.7785	8.2935	1.7082	1.1074	59.567	.49251
Stddev	.02883	.0709	.0324	.0714	.0320	.330	.00472
%RSD	3.7456	3.9842	.39042	4.1806	2.8924	.55407	.95780

#1	.73941	1.7032	8.2896	1.6312	1.0728	59.186	.49768
#2	.77314	1.7885	8.3276	1.7211	1.1133	59.744	.49138
#3	.79678	1.8439	8.2632	1.7722	1.1361	59.771	.48845

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16200	.17453	5.4180	.43570	.22851	.35435	73.152
Stddev	.00069	.00713	.0870	.00203	.00672	.01118	.515
%RSD	.42421	4.0827	1.6055	.46592	2.9412	3.1551	.70463

#1	.16133	.16674	5.5087	.43338	.22118	.34254	72.605
#2	.16196	.17614	5.4100	.43652	.22998	.35577	73.224
#3	.16270	.18071	5.3353	.43719	.23437	.36476	73.628

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8882	8.1989	.50265	.05845	2.7169	.34285	.49165
Stddev	.0036	.0349	.01757	.00014	.0251	.00116	.00759
%RSD	.18892	.42579	3.4962	.24297	.92388	.33947	1.5443

#1	1.8844	8.2025	.48330	.05830	2.7457	.34151	.48389
#2	1.8914	8.2318	.50703	.05848	2.7053	.34365	.49201
#3	1.8887	8.1623	.51762	.05858	2.6998	.34338	.49906

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.477	.40744	.28724	.73538	6.8177	.62366	1.0837
Stddev	.252	.01869	.00936	.01028	.1186	.02749	.0032
%RSD	2.1927	4.5863	3.2580	1.3984	1.7398	4.4074	.29112

#1	11.667	.38705	.29564	.74643	6.9545	.59334	1.0823
#2	11.573	.41153	.27715	.73363	6.7564	.63068	1.0815
#3	11.192	.42375	.28894	.72609	6.7424	.64696	1.0873

Sample Name: J6553-14 Acquired: 12/29/2018 14:30:53 Type: Unk
Method: P4-ICP2(v2688) 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	.21233	F 11.93	.12904	2.3970	F<.00000
Stddev	.00345	.16	.00395	.0445	.46413
%RSD	1.6245	1.345	3.0609	1.8563	9.6610

#1	.21623	11.74	.13324	2.3545	-5.0451
#2	.21109	11.99	.12847	2.4433	-5.0983
#3	.20967	12.05	.12541	2.3931	-4.2691

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3522.6	48005.	4400.3	98.223	3665.4
Stddev	13.0	83.	46.8	.225	18.9
%RSD	.36883	.17216	1.0628	.22857	.51468

#1	3524.6	48100.	4346.9	98.039	3654.4
#2	3508.7	47955.	4419.7	98.473	3654.7
#3	3534.4	47959.	4434.3	98.156	3687.2

Sample Name: CCV02 Acquired: 12/29/2018 14:52:59 Type: Unk
Method: P4-ICP2(v2688) 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	5.2011	4.8575	4.9928	4.9856	5.1227	10.414	10.613	.24987
Stddev	.0090	.0053	.0038	.0095	.0078	.127	.124	.00088
%RSD	.17314	.11004	.07630	.19020	.15148	1.2147	1.1716	.35353
#1	5.2007	4.8596	4.9945	4.9964	5.1288	10.283	10.745	.25083
#2	5.1923	4.8616	4.9884	4.9785	5.1139	10.426	10.596	.24908
#3	5.2103	4.8515	4.9955	4.9819	5.1252	10.535	10.498	.24971
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4369	27.018	1.0411	2.4546	1.2660	4.7489	2.5447	26.516
Stddev	.0014	.117	.0042	.0004	.0043	.0629	.0028	.087
%RSD	.05827	.43439	.40641	.01832	.33713	1.3246	.10863	.32671
#1	2.4376	26.939	1.0446	2.4541	1.2703	4.7239	2.5474	26.528
#2	2.4352	27.153	1.0424	2.4548	1.2618	4.8205	2.5448	26.596
#3	2.4378	26.963	1.0364	2.4549	1.2660	4.7025	2.5418	26.424
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6471	1.3281	26.062	2.4057	2.5021	25.632	5.1425	4.9823
Stddev	.0016	.0024	.287	.0041	.0468	.254	.0104	.0486
%RSD	.06089	.18407	1.1010	.17051	1.8696	.99030	.20251	.97479
#1	2.6487	1.3303	26.373	2.4040	2.5390	25.893	5.1538	4.9796
#2	2.6455	1.3255	26.005	2.4104	2.5178	25.617	5.1332	5.0322
#3	2.6470	1.3284	25.808	2.4027	2.4495	25.386	5.1405	4.9351
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6640	5.1138	4.9215	4.9367	5.0880	4.889	5.3011	F 4.2216
Stddev	.0135	.0741	.0053	.0265	.0558	.002	.0536	.1075
%RSD	.28926	1.4497	.10738	.53594	1.0972	.0409	1.0119	2.5460
#1	4.6795	5.1938	4.9200	4.9428	5.1474	4.891	5.3334	4.3456
#2	4.6575	5.1001	4.9171	4.9595	5.0798	4.888	5.3308	4.1548
#3	4.6549	5.0475	4.9273	4.9077	5.0367	4.887	5.2392	4.1645

Sample Name: CCV02 Acquired: 12/29/2018 14:52:59 Type: Unk
 Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.7747
 Stddev .0379
 %RSD 1.3656

#1 2.8095
 #2 2.7802
 #3 2.7344

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3241.4	43843.	4157.3	96.810	3438.9
Stddev	13.3	96.	68.9	1.895	9.7
%RSD	.41157	.21883	1.6570	1.9578	.28317

#1	3227.0	43743.	4085.9	95.192	3428.9
#2	3253.3	43852.	4162.5	96.342	3448.4
#3	3243.8	43934.	4223.4	98.895	3439.5

Sample Name: CCB02 Acquired: 12/29/2018 14:56:46 Type: Unk
Method: P4-ICP2(v2688) 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	-.00080	.00145	.00198	-.00114	.00011	.00492	.00351	.00000
Stddev	.00109	.00039	.00102	.00179	.00076	.00584	.00037	.00007
%RSD	136.34	27.221	51.598	157.36	689.15	118.67	10.450	3300.6
#1	-.00196	.00155	.00315	-.00284	-.00077	.00113	.00326	-.00008
#2	.00019	.00178	.00128	-.00130	.00062	.00199	.00393	.00004
#3	-.00061	.00101	.00151	.00073	.00048	.01164	.00334	.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00596	.00030	.00016	-.00030	.00224	.00005	-.00930
Stddev	.00003	.01202	.00042	.00002	.00011	.00163	.00002	.01363
%RSD	258.95	201.54	141.12	14.664	37.510	72.961	35.411	146.56
#1	.00004	-.00739	-.00014	.00017	-.00021	.00072	.00004	-.01441
#2	.00003	.00936	.00069	.00013	-.00027	.00202	.00004	-.01963
#3	-.00003	.01592	.00034	.00018	-.00043	.00397	.00007	.00615
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00075	.00008	.02064	-.00057	-.00104	.06222	.00034	.00820
Stddev	.00015	.00020	.00530	.00043	.00001	.01245	.00012	.00111
%RSD	20.202	234.61	25.685	75.997	1.0017	20.002	35.961	13.487
#1	.00069	-.00004	.02514	-.00011	-.00104	.05427	.00029	.00917
#2	.00064	.00031	.02198	-.00096	-.00104	.07657	.00025	.00699
#3	.00092	-.00002	.01479	-.00064	-.00106	.05583	.00048	.00843
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00613	-.00004	.00400	.00156	-.0023	.00004	F 3.2311
Stddev	.00123	.00226	.00053	.00239	.00038	.0009	.00010	.0661
%RSD	2368.3	36.777	1246.4	59.787	24.591	38.20	229.99	2.0449
#1	.00136	.00830	.00050	.00661	.00196	-.0032	.00014	3.1619
#2	-.00089	.00630	-.00057	.00192	.00153	-.0015	.00004	3.2377
#3	-.00062	.00380	-.00006	.00346	.00120	-.0022	-.00005	3.2936

Sample Name: CCB02 Acquired: 12/29/2018 14:56:46 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .37089
Stddev .38158
%RSD 102.88

#1 -.01637
#2 .74652
#3 .38252

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3407.4	46271.	4169.8	100.32	3962.9
Stddev	3.2	76.	24.1	1.33	7.1
%RSD	.09451	.16392	.57827	1.3281	.17950

#1	3403.9	46318.	4142.0	98.808	3955.1
#2	3410.1	46312.	4184.0	100.84	3969.1
#3	3408.4	46184.	4183.4	101.32	3964.6

Sample Name: J6553-15 Acquired: 12/29/2018 15:00:55 Type: Unk
Method: P4-ICP2(v2688) 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	.82687	1.9129	8.4152	1.8441	1.1783	59.797	.52325
Stddev	.00206	.0090	.0209	.0077	.0048	.274	.00170
%RSD	.24877	.47072	.24851	.41783	.40643	.45750	.32453

#1	.82498	1.9035	8.3946	1.8352	1.1740	59.487	.52378
#2	.82906	1.9215	8.4364	1.8493	1.1835	60.004	.52462
#3	.82658	1.9137	8.4144	1.8477	1.1775	59.899	.52135

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18999	.18836	5.5825	.49754	.24334	.37461	73.543
Stddev	.00081	.00072	.0254	.00215	.00107	.00085	.758
%RSD	.42447	.38428	.45534	.43311	.43960	.22649	1.0311

#1	.19038	.18754	5.5653	.49536	.24211	.37367	72.706
#2	.19052	.18892	5.6117	.49966	.24391	.37482	73.742
#3	.18906	.18862	5.5705	.49761	.24400	.37533	74.183

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9081	8.4608	.53792	.06998	3.1257	.38387	.50660
Stddev	.0037	.0384	.00217	.00019	.0198	.00112	.00296
%RSD	.19602	.45413	.40340	.27349	.63275	.29153	.58413

#1	1.9072	8.4173	.53544	.06988	3.1326	.38259	.50331
#2	1.9121	8.4903	.53888	.06986	3.1411	.38469	.50906
#3	1.9048	8.4746	.53945	.07020	3.1034	.38432	.50742

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.893	.43942	.32897	.73856	6.9327	.67551	1.1011
Stddev	.031	.00083	.00756	.00523	.0733	.00290	.0152
%RSD	.23664	.18802	2.2991	.70752	1.0578	.42865	1.3806

#1	12.928	.43848	.33738	.73397	6.9378	.67219	1.1183
#2	12.874	.43974	.32682	.74425	7.0034	.67686	1.0956
#3	12.876	.44003	.32272	.73746	6.8570	.67748	1.0895

Sample Name: J6553-15 Acquired: 12/29/2018 15:00:55 Type: Unk
Method: P4-ICP2(v2688) 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	.24432	F 12.40	.16034	2.4913	F<.00000
Stddev	.00164	.04	.00091	.1206	.31717
%RSD	.67112	.3385	.56494	4.8404	5.4296
#1	.24374	12.35	.16111	2.3554	-5.6834
#2	.24617	12.43	.16058	2.5856	-6.2066
#3	.24305	12.40	.15934	2.5328	-5.6344
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3520.4	48215.	4418.2	98.669	3655.6
Stddev	3.4	193.	26.0	.602	9.3
%RSD	.09627	.39934	.58915	.60965	.25447
#1	3521.6	48309.	4416.6	99.296	3661.7
#2	3516.6	47994.	4393.0	98.097	3644.9
#3	3523.1	48343.	4445.0	98.613	3660.2

Sample Name: J6553-13A Acquired: 12/29/2018 15:04:36 Type: Unk
Method: P4-ICP2(v2688) 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	.82286	1.8973	8.3707	1.8257	1.1720	60.065	.52396
Stddev	.00609	.0090	.0076	.0092	.0041	.348	.00335
%RSD	.74033	.47351	.09094	.50693	.35268	.57872	.63991

#1	.82969	1.9067	8.3691	1.8308	1.1767	60.298	.52009
#2	.82090	1.8888	8.3790	1.8150	1.1692	60.232	.52584
#3	.81799	1.8965	8.3640	1.8312	1.1700	59.666	.52595

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18980	.18723	5.6291	.49978	.24262	.37239	73.852
Stddev	.00048	.00032	.0553	.00059	.00100	.00257	1.425
%RSD	.25363	.17322	.98228	.11828	.41144	.68977	1.9290

#1	.19029	.18751	5.5653	.50042	.24359	.37391	74.360
#2	.18977	.18688	5.6627	.49969	.24159	.36943	74.953
#3	.18933	.18730	5.6593	.49925	.24269	.37384	72.243

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9064	8.3898	.53462	.07049	3.0815	.38396	.50908
Stddev	.0040	.0167	.00201	.00073	.0096	.00080	.00803
%RSD	.21102	.19895	.37570	1.0309	.31249	.20747	1.5773

#1	1.9110	8.3743	.53679	.07123	3.0919	.38305	.51065
#2	1.9050	8.3875	.53282	.07045	3.0796	.38434	.51621
#3	1.9033	8.4075	.53427	.06978	3.0730	.38450	.50038

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.882	.43770	.32574	.72855	6.9682	.67497	1.1107
Stddev	.115	.00205	.00573	.00115	.0431	.00179	.0125
%RSD	.89491	.46822	1.7588	.15797	.61792	.26503	1.1243

#1	12.753	.43900	.31924	.72935	6.9236	.67691	1.0983
#2	12.917	.43533	.33008	.72723	6.9717	.67460	1.1104
#3	12.975	.43876	.32788	.72906	7.0095	.67339	1.1233

Sample Name: J6553-13A Acquired: 12/29/2018 15:04:36 Type: Unk
 Method: P4-ICP2(v2688) 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	.24188	F 12.27	.16090	2.5833	F<.00000
Stddev	.00081	.02	.00245	.0640	.18413
%RSD	.33336	.1804	1.5226	2.4789	3.0022
#1	.24181	12.29	.15845	2.6551	-6.2011
#2	.24272	12.25	.16090	2.5629	-6.2733
#3	.24111	12.26	.16335	2.5320	-5.9245
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3536.9	48217.	4414.3	98.146	3680.2
Stddev	6.1	253.	36.9	1.748	8.5
%RSD	.17372	.52371	.83563	1.7812	.23182
#1	3530.0	47959.	4456.3	97.569	3670.6
#2	3541.7	48228.	4399.1	96.759	3683.1
#3	3539.0	48464.	4387.4	100.11	3686.9

Sample Name: J6554-08 Acquired: 12/29/2018 15:08:17 Type: Unk
Method: P4-ICP2(v2688) 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	.03598	-.00147	1.4441	.01102	.00843	49.287	.30890
Stddev	.00069	.00099	.0030	.00062	.00052	.148	.00203
%RSD	1.9090	67.013	.20717	5.6051	6.1823	.30110	.65671

#1	.03643	-.00254	1.4476	.01148	.00822	49.118	.30869
#2	.03632	-.00127	1.4421	.01032	.00805	49.394	.30698
#3	.03519	-.00060	1.4427	.01125	.00903	49.349	.31102

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00346	-.00067	10.530	.07508	.01838	.05769	61.382
Stddev	.00012	.00015	.099	.00072	.00016	.00089	1.006
%RSD	3.3996	21.657	.93984	.96520	.87078	1.5361	1.6396

#1	.00358	-.00060	10.530	.07460	.01820	.05850	60.557
#2	.00335	-.00058	10.432	.07472	.01843	.05781	61.085
#3	.00345	-.00084	10.630	.07591	.01851	.05675	62.503

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2818	7.9585	.04311	-.00265	.07246	.09755	.22611
Stddev	.0015	.0437	.00015	.00031	.00923	.00029	.00329
%RSD	.11491	.54915	.33966	11.600	12.745	.29798	1.4536

#1	1.2828	7.9251	.04305	-.00235	.08117	.09787	.22540
#2	1.2824	8.0080	.04300	-.00264	.07342	.09729	.22323
#3	1.2801	7.9424	.04327	-.00296	.06278	.09749	.22969

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0842	.00221	.03476	.58332	1.7532	.00772	.28084
Stddev	.0220	.00004	.00603	.00331	.0195	.00035	.00321
%RSD	.71252	1.7932	17.338	.56825	1.1123	4.5676	1.1441

#1	3.0687	.00225	.03288	.58468	1.7478	.00811	.27908
#2	3.0745	.00221	.02991	.57954	1.7370	.00744	.27889
#3	3.1093	.00217	.04151	.58574	1.7749	.00760	.28455

Sample Name: J6554-08 Acquired: 12/29/2018 15:08:17 Type: Unk
 Method: P4-ICP2(v2688) 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	.03974	5.402	.00208	2.7583	F<.00000
Stddev	.00050	.015	.00126	.1452	.23268
%RSD	1.2561	.2798	60.684	5.2627	13.440
#1	.03939	5.418	.00319	2.8073	-1.9997
#2	.04031	5.388	.00233	2.8726	-1.6072
#3	.03951	5.400	.00071	2.5950	-1.5870
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3524.8	47954.	4490.2	100.94	3775.4
Stddev	5.4	159.	34.3	1.23	5.9
%RSD	.15182	.33078	.76431	1.2220	.15657
#1	3523.2	47822.	4471.1	101.45	3773.3
#2	3520.5	47910.	4529.8	101.84	3770.9
#3	3530.8	48130.	4469.7	99.538	3782.1

Sample Name: J6554-08DUP Acquired: 12/29/2018 15:12:15 Type: Unk
Method: P4-ICP2(v2688) 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	.03775	-.00142	1.3873	.00914	.00799	48.349	.30316
Stddev	.00233	.00039	.0034	.00454	.00052	1.009	.00214
%RSD	6.1665	27.330	.24710	49.671	6.5031	2.0875	.70531

#1	.03843	-.00100	1.3833	.00541	.00770	49.205	.30305
#2	.03967	-.00150	1.3896	.01419	.00768	47.236	.30535
#3	.03516	-.00177	1.3889	.00780	.00859	48.605	.30108

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00341	-.00077	10.390	.07388	.01841	.05685	61.537
Stddev	.00009	.00010	.095	.00231	.00010	.00030	.315
%RSD	2.7552	13.195	.91126	3.1288	.52712	.51896	.51159

#1	.00350	-.00083	10.328	.07618	.01843	.05711	61.531
#2	.00331	-.00082	10.499	.07155	.01850	.05653	61.855
#3	.00342	-.00065	10.343	.07392	.01831	.05691	61.226

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2571	7.8524	.04310	-.00244	.07966	.09677	.22927
Stddev	.0351	.0209	.00039	.00039	.00533	.00285	.00026
%RSD	2.7952	.26639	.89648	15.951	6.6941	2.9472	.11553

#1	1.2829	7.8349	.04280	-.00235	.08028	.09906	.22905
#2	1.2171	7.8467	.04297	-.00210	.07404	.09357	.22919
#3	1.2714	7.8755	.04354	-.00287	.08465	.09767	.22956

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9943	.00221	.03644	.57822	1.6581	.00791	.27394
Stddev	.0161	.00024	.00300	.00398	.0055	.00052	.00210
%RSD	.53691	11.087	8.2360	.68794	.33440	6.5536	.76771

#1	3.0070	.00222	.03464	.57407	1.6530	.00749	.27332
#2	2.9762	.00196	.03990	.57860	1.6640	.00774	.27628
#3	2.9996	.00245	.03477	.58199	1.6574	.00849	.27221

Sample Name: J6554-08DUP Acquired: 12/29/2018 15:12:15 Type: Unk
Method: P4-ICP2(v2688) 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	.03786	5.343	.00079	2.4866	F<.00000
Stddev	.00076	.014	.00028	.3719	.17556
%RSD	2.0020	.2660	35.669	14.955	10.262

#1	.03866	5.327	.00050	2.7343	-1.5083
#2	.03776	5.348	.00082	2.0590	-1.8026
#3	.03716	5.353	.00106	2.6665	-1.8214

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3521.5	48477.	4495.8	100.19	3777.1
Stddev	9.7	1272.	12.4	.16	8.3
%RSD	.27435	2.6234	.27495	.15604	.22081

#1	3519.7	47515.	4509.6	100.18	3784.7
#2	3512.9	49919.	4485.9	100.04	3768.2
#3	3532.0	47997.	4491.8	100.36	3778.5

Sample Name: J6554-08LX5 Acquired: 12/29/2018 15:16:12 Type: Unk
Method: P4-ICP2(v2688) 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	.00783	.00077	.30672	-.00119	.00133	10.359	.06900	.00080
Stddev	.00225	.00096	.00174	.00292	.00020	.032	.00091	.00001
%RSD	28.695	125.24	.56820	244.76	15.122	.31319	1.3206	1.4831

#1	.00533	-.00034	.30849	-.00242	.00131	10.324	.06911	.00080
#2	.00968	.00138	.30500	-.00331	.00153	10.389	.06804	.00079
#3	.00848	.00127	.30666	.00214	.00113	10.364	.06986	.00082

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	2.2873	.01652	.00404	.01317	13.061	.28042	1.7108
Stddev	.00004	.0147	.00016	.00008	.00006	.045	.00061	.0373
%RSD	22.983	.64224	.99017	2.1023	.48958	.34091	.21839	2.1817

#1	-.00013	2.2979	.01650	.00412	.01319	13.011	.28042	1.7510
#2	-.00020	2.2705	.01637	.00404	.01310	13.094	.27981	1.7043
#3	-.00016	2.2934	.01669	.00395	.01322	13.078	.28104	1.6772

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00952	-.00045	.01018	.02108	.04752	.69134	.00022	.00362
Stddev	.00021	.00029	.00592	.00033	.00025	.00706	.00015	.00725
%RSD	2.2216	64.980	58.138	1.5606	.52763	1.0215	68.750	200.56

#1	.00963	-.00012	.00646	.02092	.04780	.69744	.00027	-.00399
#2	.00966	-.00057	.00707	.02146	.04731	.69298	.00034	.00438
#3	.00928	-.00067	.01700	.02086	.04744	.68361	.00005	.01045

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11598	.39313	.00003	.06338	.00789	1.115	.00057	2.9687
Stddev	.00188	.00451	.00047	.00167	.00068	.010	.00016	.0802
%RSD	1.6201	1.1479	1829.7	2.6331	8.6030	.8680	28.126	2.7001

#1	.11814	.39638	.00003	.06160	.00710	1.121	.00068	3.0465
#2	.11509	.39503	-.00044	.06491	.00824	1.103	.00065	2.8864
#3	.11471	.38798	.00049	.06364	.00832	1.119	.00039	2.9731

Sample Name: J6554-08LX5 Acquired: 12/29/2018 15:16:12 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.4463
Stddev	.5058
%RSD	20.675

#1	1.9812
#2	2.9847
#3	2.3730

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3430.1	46630.	4250.4	99.267	3897.0
Stddev	12.1	94.	33.1	.660	15.6
%RSD	.35352	.20168	.77969	.66479	.40118

#1	3422.9	46521.	4221.1	98.517	3884.3
#2	3444.1	46683.	4286.4	99.758	3914.4
#3	3423.2	46686.	4243.8	99.525	3892.1

Sample Name: J6554-09 Acquired: 12/29/2018 15:20:14 Type: Unk
Method: P4-ICP2(v2688) 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	.74357	1.7242	2.3595	1.6919	.73573	51.865	.50891
Stddev	.00824	.0208	.0192	.0161	.00573	.159	.00054
%RSD	1.1085	1.2055	.81541	.95182	.77903	.30661	.10662

#1	.73406	1.7010	2.3375	1.6734	.72914	51.779	.50899
#2	.74853	1.7303	2.3679	1.7029	.73851	51.767	.50941
#3	.74814	1.7412	2.3731	1.6994	.73955	52.048	.50834

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17128	.16875	11.590	.43401	.19744	.32860	64.596
Stddev	.00044	.00206	.041	.00190	.00213	.00318	.375
%RSD	.25438	1.2208	.35160	.43768	1.0781	.96879	.57995

#1	.17119	.16649	11.583	.43339	.19507	.32527	64.993
#2	.17089	.16922	11.553	.43250	.19805	.32890	64.546
#3	.17175	.17053	11.634	.43615	.19920	.33162	64.248

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4448	9.9060	.47934	.06206	2.7661	.34786	.41030
Stddev	.0036	.0445	.00417	.00045	.0178	.00147	.00297
%RSD	.24726	.44953	.86899	.72623	.64470	.42262	.72308

#1	1.4428	9.9048	.47460	.06161	2.7860	.34712	.41312
#2	1.4427	9.9511	.48101	.06207	2.7606	.34690	.41058
#3	1.4490	9.8620	.48241	.06251	2.7516	.34955	.40721

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.521	.38285	.29023	.57799	8.2271	.61971	.59345
Stddev	.042	.00358	.01035	.00414	.0179	.00552	.01946
%RSD	.33472	.93387	3.5669	.71644	.21732	.89125	3.2786

#1	12.570	.37873	.29917	.57328	8.2159	.61398	.58036
#2	12.501	.38467	.29262	.58105	8.2477	.62016	.58418
#3	12.494	.38514	.27889	.57965	8.2177	.62500	.61581

Sample Name: J6554-09 Acquired: 12/29/2018 15:20:14 Type: Unk
Method: P4-ICP2(v2688) 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	.22499	F 10.02	.18445	2.6092	F<.00000
Stddev	.00180	.07	.00043	.1114	.33220
%RSD	.79805	.7127	.23524	4.2690	8.8301
#1	.22688	9.943	.18494	2.5375	-3.9461
#2	.22478	10.05	.18412	2.5525	-3.9615
#3	.22330	10.08	.18428	2.7375	-3.3786
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3484.4	48036.	4400.0	99.551	3698.8
Stddev	10.7	107.	6.0	.916	10.0
%RSD	.30812	.22227	.13565	.92022	.27114
#1	3495.2	47999.	4403.6	98.616	3710.0
#2	3473.7	48157.	4393.1	99.591	3690.7
#3	3484.3	47953.	4403.3	100.45	3695.8

Sample Name: J6554-10 Acquired: 12/29/2018 15:23:57 Type: Unk
Method: P4-ICP2(v2688) 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	.84408	1.9575	2.4766	1.9383	.82562	51.919	.51931
Stddev	.01771	.0319	.0225	.0323	.01401	.268	.00242
%RSD	2.0977	1.6313	.90972	1.6648	1.6975	.51647	.46694

#1	.82383	1.9243	2.4523	1.9021	.81147	51.610	.52173
#2	.85173	1.9603	2.4809	1.9488	.82588	52.083	.51933
#3	.85667	1.9880	2.4967	1.9640	.83950	52.064	.51688

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18910	.19307	11.570	.47440	.22331	.36875	64.321
Stddev	.00256	.00359	.036	.00510	.00368	.00656	.307
%RSD	1.3528	1.8617	.30856	1.0750	1.6486	1.7785	.47654

#1	.18682	.18914	11.598	.46857	.21932	.36151	63.968
#2	.18860	.19389	11.582	.47800	.22404	.37047	64.487
#3	.19187	.19619	11.530	.47665	.22657	.37428	64.509

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4606	9.9866	.54237	.06969	2.9251	.37293	.43463
Stddev	.0033	.0516	.00910	.00121	.0323	.00310	.00358
%RSD	.22900	.51690	1.6774	1.7420	1.1026	.83228	.82370

#1	1.4594	10.026	.53282	.06829	2.9610	.36983	.43183
#2	1.4581	9.9280	.54336	.07031	2.8986	.37294	.43338
#3	1.4644	10.006	.55094	.07046	2.9158	.37604	.43866

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.112	.42946	.30311	.57267	8.2191	.69215	.60077
Stddev	.115	.00723	.00071	.00254	.0624	.01180	.00399
%RSD	.87733	1.6841	.23269	.44344	.75925	1.7049	.66408

#1	13.244	.42166	.30376	.57133	8.2389	.67878	.60438
#2	13.057	.43077	.30322	.57560	8.1493	.69656	.59649
#3	13.035	.43595	.30236	.57109	8.2693	.70110	.60146

Sample Name: J6554-10 Acquired: 12/29/2018 15:23:57 Type: Unk
Method: P4-ICP2(v2688) 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	.23826	F 10.66	.19601	2.7530	F<.00000
Stddev	.00293	.11	.00165	.0660	.52911
%RSD	1.2314	.9947	.84137	2.3965	13.717

#1	.24055	10.54	.19791	2.7785	-3.4031
#2	.23496	10.68	.19523	2.8025	-4.4383
#3	.23928	10.75	.19490	2.6781	-3.7306

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3485.7	47903.	4404.1	99.478	3704.6
Stddev	7.0	75.	22.1	.141	9.6
%RSD	.20160	.15655	.50279	.14225	.25832

#1	3492.6	47825.	4378.7	99.466	3713.5
#2	3478.6	47975.	4414.0	99.625	3694.5
#3	3485.9	47909.	4419.6	99.342	3705.7

Sample Name: J6554-08A Acquired: 12/29/2018 15:27:40 Type: Unk
Method: P4-ICP2(v2688) 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	.87123	2.0336	2.5226	2.0043	.85175	52.649	.54089
Stddev	.00247	.0085	.0129	.0109	.00240	.413	.00309
%RSD	.28392	.41725	.51190	.54299	.28154	.78399	.57081

#1	.86880	2.0310	2.5223	1.9927	.84924	52.254	.54280
#2	.87374	2.0267	2.5099	2.0060	.85201	52.615	.53733
#3	.87115	2.0430	2.5357	2.0143	.85401	53.078	.54254

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20600	.19970	11.846	.51271	.23016	.37997	63.601
Stddev	.00303	.00117	.039	.00822	.00154	.00137	.867
%RSD	1.4725	.58630	.32914	1.6041	.66940	.35977	1.3637

#1	.20371	.19918	11.876	.50629	.22906	.37856	62.743
#2	.20485	.19888	11.802	.50987	.22950	.38006	63.583
#3	.20944	.20104	11.859	.52198	.23192	.38129	64.477

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4908	10.224	.55852	.07649	3.2330	.39810	.43698
Stddev	.0190	.067	.00242	.00114	.0407	.00511	.00682
%RSD	1.2760	.65161	.43406	1.4931	1.2595	1.2828	1.5602

#1	1.4788	10.203	.55789	.07524	3.2592	.39486	.43171
#2	1.4809	10.170	.55648	.07676	3.1861	.39544	.43456
#3	1.5128	10.298	.56120	.07748	3.2537	.40398	.44468

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.175	.44191	.32614	.57847	8.2439	.71400	.60762
Stddev	.061	.00146	.00335	.00491	.0642	.00578	.01240
%RSD	.42716	.33122	1.0262	.84921	.77859	.80953	2.0415

#1	14.236	.44050	.32229	.57283	8.1945	.71304	.60756
#2	14.176	.44181	.32778	.58179	8.3165	.70876	.62005
#3	14.115	.44342	.32835	.58079	8.2207	.72020	.59524

Sample Name: J6554-08A Acquired: 12/29/2018 15:27:40 Type: Unk
 Method: P4-ICP2(v2688) 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	.26051	F 10.87	.22034	2.9988	F<.00000
Stddev	.00113	.04	.00143	.1549	.17582
%RSD	.43505	.3794	.64882	5.1643	3.7050
#1	.26040	10.89	.22173	2.8985	-4.8415
#2	.25944	10.83	.21887	2.9208	-4.5427
#3	.26170	10.91	.22041	3.1772	-4.8526
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3481.8	47454.	4383.7	100.58	3702.1
Stddev	11.4	453.	29.6	1.24	9.1
%RSD	.32883	.95518	.67466	1.2329	.24617
#1	3480.7	47740.	4375.0	101.64	3691.7
#2	3470.9	47691.	4416.6	100.87	3709.0
#3	3493.7	46931.	4359.4	99.216	3705.4

Sample Name: J6554-21 Acquired: 12/29/2018 15:31:24 Type: Unk
Method: P4-ICP2(v2688) 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	.01698	-.00045	.12620	.01039	.02921	46.267	.23192
Stddev	.00072	.00093	.00059	.00233	.00060	.342	.00193
%RSD	4.2267	206.93	.47106	22.469	2.0661	.73888	.83240

#1	.01780	.00031	.12576	.01301	.02895	45.894	.23380
#2	.01667	-.00017	.12597	.00961	.02877	46.565	.23203
#3	.01646	-.00149	.12688	.00854	.02989	46.342	.22994

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00324	-.00130	2.6417	.07961	.02516	.02421	70.916
Stddev	.00007	.00033	.0081	.00043	.00010	.00163	2.220
%RSD	2.2359	25.499	.30573	.53554	.38953	6.7272	3.1307

#1	.00316	-.00147	2.6496	.07928	.02506	.02308	71.700
#2	.00330	-.00151	2.6335	.08009	.02518	.02346	72.637
#3	.00327	-.00091	2.6419	.07945	.02525	.02607	68.410

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73200	6.7999	.05108	-.00311	.01056	.08857	.16609
Stddev	.00247	.0835	.00035	.00014	.00642	.00116	.00530
%RSD	.33689	1.2282	.68690	4.6211	60.752	1.3069	3.1901

#1	.72927	6.7950	.05101	-.00326	.01784	.08749	.16817
#2	.73264	6.8857	.05077	-.00297	.00814	.08979	.17004
#3	.73407	6.7189	.05146	-.00310	.00570	.08844	.16007

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7088	.00271	.03746	.25246	4.0079	-.00091	.30908
Stddev	.0403	.00018	.01297	.00217	.0454	.00096	.00397
%RSD	1.4858	6.5309	34.625	.85999	1.1333	105.26	1.2836

#1	2.7315	.00285	.04515	.25021	4.0601	-.00168	.31064
#2	2.7325	.00276	.04475	.25455	3.9864	.00017	.31203
#3	2.6623	.00251	.02249	.25262	3.9772	-.00123	.30457

Sample Name: J6554-21 Acquired: 12/29/2018 15:31:24 Type: Unk
Method: P4-ICP2(v2688) 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	.03647	1.852	-.05942	2.4421	F<.00000
Stddev	.00090	.010	.00227	.0867	.38683
%RSD	2.4591	.5315	3.8286	3.5508	8.4790
#1	.03588	1.846	-.06012	2.4666	-4.6320
#2	.03751	1.847	-.06126	2.3457	-4.1452
#3	.03603	1.864	-.05687	2.5138	-4.9094
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3605.2	49100.	4564.1	101.47	3797.5
Stddev	12.1	143.	47.5	3.46	15.8
%RSD	.33557	.29045	1.0411	3.4073	.41630
#1	3596.3	49231.	4512.4	99.615	3786.6
#2	3619.0	48948.	4574.0	99.341	3815.7
#3	3600.5	49122.	4605.9	105.46	3790.3

Sample Name: J6554-22 Acquired: 12/29/2018 15:35:24 Type: Unk
Method: P4-ICP2(v2688) 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	.82009	2.0060	1.1477	1.9362	.85205	47.439	.43967
Stddev	.00619	.0043	.0026	.0073	.00427	.063	.00088
%RSD	.75493	.21596	.22187	.37428	.50125	.13334	.20106

#1	.81497	2.0045	1.1474	1.9279	.84759	47.483	.44064
#2	.82697	2.0109	1.1504	1.9393	.85611	47.367	.43947
#3	.81832	2.0027	1.1453	1.9413	.85244	47.468	.43890

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19870	.19604	3.7044	.49829	.23277	.33371	73.566
Stddev	.00069	.00035	.0208	.00148	.00060	.00035	.453
%RSD	.34561	.17632	.56121	.29748	.25610	.10398	.61559

#1	.19813	.19569	3.7239	.49986	.23232	.33335	74.069
#2	.19851	.19638	3.7067	.49809	.23345	.33405	73.191
#3	.19947	.19604	3.6826	.49692	.23254	.33371	73.437

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.91870	8.8537	.55671	.07296	3.0645	.37682	.37593
Stddev	.00079	.0239	.00062	.00037	.0057	.00070	.00227
%RSD	.08558	.26963	.11163	.50980	.18687	.18612	.60303

#1	.91781	8.8807	.55652	.07272	3.0680	.37740	.37849
#2	.91901	8.8353	.55740	.07339	3.0579	.37604	.37514
#3	.91929	8.8452	.55620	.07278	3.0676	.37703	.37417

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.216	.43071	.33267	.24314	6.0287	.70149	.51467
Stddev	.033	.00200	.00645	.00273	.0248	.00438	.00461
%RSD	.24757	.46468	1.9398	1.1233	.41157	.62499	.89628

#1	13.254	.42885	.33962	.24627	6.0546	.69736	.51429
#2	13.193	.43283	.33152	.24190	6.0265	.70609	.51947
#3	13.202	.43043	.32687	.24126	6.0052	.70101	.51026

Sample Name: J6554-22 Acquired: 12/29/2018 15:35:24 Type: Unk
Method: P4-ICP2(v2688) 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	.24842	7.253	.14982	2.3323	F<.00000
Stddev	.00078	.022	.00097	.0606	.42367
%RSD	.31575	.3079	.64529	2.5985	6.9786
#1	.24885	7.268	.15090	2.3957	-6.2571
#2	.24889	7.228	.14902	2.3262	-6.3698
#3	.24751	7.265	.14955	2.2750	-5.5862
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3581.3	48929.	4493.5	99.574	3733.9
Stddev	5.7	29.	7.7	.798	6.7
%RSD	.15982	.05897	.17135	.80192	.17826
#1	3575.9	48924.	4484.7	98.668	3726.5
#2	3580.7	48904.	4498.0	99.882	3735.8
#3	3587.3	48961.	4498.0	100.17	3739.4

Sample Name: CCV03 Acquired: 12/29/2018 15:39:06 Type: Unk
Method: P4-ICP2(v2688) 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	5.2132	4.8496	5.0030	4.9952	5.1421	10.278	10.686	.25064
Stddev	.0080	.0129	.0118	.0032	.0058	.107	.211	.00056
%RSD	.15353	.26673	.23501	.06403	.11242	1.0440	1.9727	.22434
#1	5.2091	4.8453	4.9928	4.9988	5.1403	10.401	10.821	.25094
#2	5.2081	4.8394	5.0003	4.9927	5.1374	10.222	10.793	.25098
#3	5.2224	4.8642	5.0158	4.9940	5.1486	10.210	10.443	.24999
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4411	26.849	1.0346	2.4613	1.2659	4.8366	2.5489	26.310
Stddev	.0056	.562	.0046	.0049	.0023	.1266	.0022	.545
%RSD	.23156	2.0937	.44144	.19970	.18522	2.6174	.08731	2.0728
#1	2.4355	27.276	1.0295	2.4564	1.2680	4.8337	2.5467	26.737
#2	2.4411	27.060	1.0384	2.4613	1.2664	4.9647	2.5511	26.498
#3	2.4468	26.212	1.0358	2.4662	1.2634	4.7115	2.5489	25.696
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6488	1.3258	26.154	2.4027	2.6229	25.765	5.1567	4.9151
Stddev	.0067	.0011	.500	.0019	.0482	.451	.0027	.1055
%RSD	.25355	.08292	1.9133	.07691	1.8372	1.7498	.05297	2.1466
#1	2.6426	1.3256	26.448	2.4034	2.6046	26.010	5.1593	5.0003
#2	2.6478	1.3249	26.437	2.4006	2.6775	26.041	5.1538	4.9478
#3	2.6559	1.3270	25.576	2.4041	2.5865	25.245	5.1570	4.7971
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6716	5.0994	4.9262	4.9231	5.0998	4.909	5.3072	F 3.9489
Stddev	.0087	.0749	.0148	.1291	.0895	.018	.0890	.0517
%RSD	.18638	1.4685	.29973	2.6226	1.7557	.3652	1.6777	1.3100
#1	4.6686	5.1240	4.9117	5.0326	5.1455	4.901	5.3270	3.8946
#2	4.6647	5.1589	4.9259	4.9559	5.1573	4.896	5.3846	3.9975
#3	4.6814	5.0154	4.9412	4.7807	4.9967	4.930	5.2099	3.9547

Sample Name: CCV03 Acquired: 12/29/2018 15:39:06 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.6052
Stddev .5981
%RSD 22.956

#1 2.2022
#2 2.3210
#3 3.2924

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3277.0	44429.	4186.6	94.435	3476.4
Stddev	4.7	75.	69.9	1.608	6.0
%RSD	.14266	.16822	1.6703	1.7026	.17316

#1	3272.5	44397.	4152.7	94.954	3479.1
#2	3281.8	44376.	4140.1	92.632	3480.6
#3	3276.6	44515.	4267.0	95.720	3469.5

Sample Name: CCB03 Acquired: 12/29/2018 15:42:51 Type: Unk
Method: P4-ICP2(v2688) 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	-.00097	.00125	.00097	-.00126	-.00027	-.00339	.00315	.00002
Stddev	.00091	.00035	.00100	.00089	.00018	.00261	.00033	.00006
%RSD	94.239	28.146	103.80	70.396	64.036	76.872	10.439	308.77
#1	-.00009	.00093	.00205	-.00026	-.00007	-.00216	.00280	.00003
#2	-.00090	.00118	.00006	-.00194	-.00040	-.00639	.00320	.00007
#3	-.00192	.00163	.00079	-.00157	-.00035	-.00163	.00346	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00834	.00027	.00002	-.00042	.00074	.00006	.00110
Stddev	.00006	.00780	.00006	.00007	.00012	.00656	.00000	.00366
%RSD	192.64	93.568	23.273	282.85	29.822	885.99	4.0082	333.29
#1	.00009	.00060	.00024	.00007	-.00028	.00487	.00006	-.00252
#2	.00004	.00821	.00034	-.00005	-.00047	-.00682	.00006	.00101
#3	-.00003	.01620	.00022	.00005	-.00051	.00417	.00006	.00480
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00077	.00043	-.02310	-.00041	-.00158	.04877	.00019	.00615
Stddev	.00021	.00018	.00563	.00035	.00009	.02489	.00013	.00291
%RSD	27.687	41.330	24.387	85.294	5.6353	51.035	69.227	47.321
#1	.00074	.00063	-.02699	-.00004	-.00148	.05332	.00004	.00934
#2	.00057	.00036	-.01664	-.00073	-.00162	.02192	.00025	.00366
#3	.00099	.00030	-.02568	-.00044	-.00164	.07108	.00028	.00544
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	.00497	-.00052	.00395	-.00065	-.0027	-.00000	F 3.1716
Stddev	.00249	.00162	.00042	.00048	.00061	.0007	.00001	.0308
%RSD	1102.7	32.580	79.997	12.268	93.887	24.59	720.40	.96973
#1	-.00210	.00667	-.00007	.00415	-.00004	-.0035	-.00001	3.1374
#2	.00260	.00344	-.00061	.00340	-.00064	-.0022	-.00001	3.1807
#3	-.00118	.00479	-.00089	.00431	-.00126	-.0024	.00001	3.1969

Sample Name: CCB03 Acquired: 12/29/2018 15:42:51 Type: Unk
 Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .59490
Stddev	.51397
%RSD	86.396

#1	1.1469
#2	.50776
#3	.13007

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3422.3	46548.	4204.2	101.98	4001.5
Stddev	9.2	241.	22.4	1.89	12.2
%RSD	.26926	.51759	.53284	1.8508	.30444

#1	3411.7	46648.	4196.4	100.51	3989.6
#2	3426.7	46723.	4229.4	104.11	4001.0
#3	3428.5	46273.	4186.7	101.33	4014.0

Sample Name: J6554-23 Acquired: 12/29/2018 15:46:58 Type: Unk
Method: P4-ICP2(v2688) 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	.81699	2.0033	1.1409	1.9372	.84787	47.519	.44461
Stddev	.00360	.0120	.0074	.0095	.00337	.309	.00241
%RSD	.44035	.59740	.65125	.49035	.39719	.64993	.54270

#1	.81938	1.9945	1.1389	1.9359	.84768	47.239	.44605
#2	.81285	1.9984	1.1346	1.9284	.84459	47.467	.44182
#3	.81873	2.0169	1.1491	1.9473	.85132	47.850	.44595

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20100	.19522	3.7392	.50566	.23147	.33227	74.018
Stddev	.00117	.00104	.0085	.00291	.00139	.00200	.648
%RSD	.58392	.53186	.22786	.57631	.59868	.60089	.87589

#1	.19967	.19476	3.7478	.50238	.23059	.33184	74.719
#2	.20141	.19450	3.7308	.50663	.23076	.33053	73.440
#3	.20191	.19641	3.7390	.50796	.23307	.33445	73.894

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.92088	8.7606	.55534	.07356	3.0753	.38025	.38164
Stddev	.00442	.0379	.00309	.00007	.0078	.00162	.00431
%RSD	.48033	.43261	.55590	.08977	.25262	.42699	1.1284

#1	.91580	8.7171	.55396	.07359	3.0663	.37839	.38655
#2	.92390	8.7865	.55318	.07349	3.0792	.38092	.37984
#3	.92294	8.7782	.55888	.07361	3.0803	.38142	.37853

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.330	.42987	.33697	.24102	6.0829	.70046	.51572
Stddev	.095	.00220	.00385	.00404	.0192	.00348	.00308
%RSD	.71134	.51169	1.1438	1.6749	.31495	.49678	.59722

#1	13.404	.42870	.33627	.24516	6.0702	.69873	.51217
#2	13.223	.42851	.33351	.23709	6.0735	.69818	.51751
#3	13.364	.43241	.34112	.24082	6.1049	.70447	.51750

Sample Name: J6554-23 Acquired: 12/29/2018 15:46:58 Type: Unk
Method: P4-ICP2(v2688) 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	.25101	7.260	.15318	2.4928	F<.00000
Stddev	.00098	.035	.00118	.0662	.24227
%RSD	.38910	.4756	.77081	2.6572	3.5409
#1	.24992	7.253	.15219	2.4789	-7.0465
#2	.25132	7.230	.15287	2.4346	-6.9047
#3	.25180	7.298	.15449	2.5649	-6.5743
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3612.6	49033.	4482.5	98.746	3772.5
Stddev	18.5	174.	8.3	1.081	21.6
%RSD	.51235	.35560	.18536	1.0950	.57268
#1	3616.7	49225.	4477.8	97.505	3780.7
#2	3628.8	48988.	4492.1	99.250	3788.8
#3	3592.4	48885.	4477.5	99.484	3748.0

Sample Name: J6554-21A Acquired: 12/29/2018 15:50:40 Type: Unk
Method: P4-ICP2(v2688) 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	.82572	2.0081	1.1476	1.9472	.85491	47.410	.44121
Stddev	.00630	.0294	.0186	.0308	.00973	.165	.00313
%RSD	.76267	1.4646	1.6199	1.5840	1.1383	.34900	.70961

#1	.82634	2.0169	1.1521	1.9548	.85348	47.533	.44249
#2	.81913	1.9753	1.1272	1.9133	.84597	47.474	.44350
#3	.83168	2.0321	1.1636	1.9735	.86527	47.222	.43764

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20012	.19620	3.7138	.50237	.23266	.33498	73.509
Stddev	.00069	.00308	.0410	.00059	.00377	.00401	1.318
%RSD	.34441	1.5682	1.1044	.11669	1.6198	1.1961	1.7935

#1	.20055	.19705	3.7288	.50256	.23365	.33456	74.106
#2	.20048	.19279	3.7451	.50171	.22849	.33119	74.423
#3	.19932	.19877	3.6674	.50283	.23583	.33917	71.997

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.91890	8.7489	.55814	.07336	3.0643	.37818	.37685
Stddev	.00139	.0399	.00848	.00023	.0164	.00175	.00646
%RSD	.15168	.45578	1.5200	.31174	.53349	.46196	1.7133

#1	.92041	8.7934	.56089	.07361	3.0718	.38019	.38205
#2	.91860	8.7368	.54862	.07318	3.0757	.37720	.37888
#3	.91767	8.7165	.56490	.07328	3.0456	.37713	.36962

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.235	.43265	.33242	.24093	6.0293	.70269	.51636
Stddev	.112	.00436	.00110	.00277	.0243	.01095	.00261
%RSD	.84858	1.0067	.33099	1.1481	.40358	1.5581	.50488

#1	13.302	.43332	.33254	.24402	6.0483	.70575	.51897
#2	13.299	.42800	.33346	.23870	6.0377	.69053	.51635
#3	13.106	.43664	.33127	.24005	6.0019	.71178	.51376

Sample Name: J6554-21A Acquired: 12/29/2018 15:50:40 Type: Unk
 Method: P4-ICP2(v2688) 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	.24831	7.261	.15205	2.3226	F<.00000
Stddev	.00230	.099	.00104	.0728	.30428
%RSD	.92780	1.356	.68590	3.1356	4.6586
#1	.25013	7.330	.15271	2.4067	-6.2686
#2	.24908	7.149	.15258	2.2817	-6.8649
#3	.24572	7.306	.15084	2.2796	-6.4614
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3606.4	49227.	4530.6	100.25	3767.1
Stddev	30.5	112.	30.9	1.87	47.4
%RSD	.84650	.22692	.68309	1.8640	1.2593
#1	3586.6	49111.	4509.4	98.942	3736.1
#2	3641.5	49237.	4516.3	99.417	3821.7
#3	3590.9	49334.	4566.1	102.39	3743.5

Sample Name: J6556-01 Acquired: 12/29/2018 15:54:21 Type: Unk
Method: P4-ICP2(v2688) 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	.07093	-.00226	33.407	.02306	.16201	39.505	.90238
Stddev	.00049	.00068	.088	.00050	.00188	.076	.00247
%RSD	.68973	30.037	.26271	2.1851	1.1633	.19272	.27420

#1	.07038	-.00150	33.491	.02289	.16412	39.460	.90480
#2	.07112	-.00248	33.415	.02363	.16050	39.461	.89986
#3	.07130	-.00280	33.316	.02266	.16141	39.593	.90249

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00347	.00386	36.510	.09117	.02065	.36874	124.17
Stddev	.00012	.00038	.260	.00045	.00037	.00381	2.57
%RSD	3.4753	9.7560	.71239	.49111	1.7910	1.0325	2.0664

#1	.00333	.00430	36.336	.09077	.02046	.37269	121.24
#2	.00354	.00369	36.385	.09165	.02107	.36509	126.00
#3	.00354	.00361	36.809	.09108	.02040	.36845	125.28

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4217	10.036	.06430	-.00151	.20168	.11753	1.0881
Stddev	.0019	.081	.00037	.00053	.00826	.00067	.0161
%RSD	.13704	.80437	.57002	35.393	4.0962	.57039	1.4769

#1	1.4232	9.9429	.06416	-.00210	.19302	.11699	1.0697
#2	1.4223	10.085	.06471	-.00133	.20948	.11828	1.0991
#3	1.4195	10.081	.06402	-.00108	.20255	.11733	1.0956

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1236	.00729	.08458	4.8711	.97235	.05229	.27557
Stddev	.0378	.00028	.01124	.0130	.00274	.00070	.00252
%RSD	1.2092	3.8386	13.288	.26753	.28157	1.3359	.91591

#1	3.1510	.00703	.07189	4.8818	.97318	.05217	.27395
#2	3.0805	.00759	.09330	4.8750	.96930	.05166	.27428
#3	3.1393	.00726	.08854	4.8566	.97458	.05304	.27848

Sample Name: J6556-01 Acquired: 12/29/2018 15:54:21 Type: Unk
 Method: P4-ICP2(v2688) 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	.03401	5.709	.03182	2.2873	F<.00000
Stddev	.00011	.028	.00292	.0986	.58178
%RSD	.32559	.4923	9.1772	4.3088	3.0005
#1	.03411	5.742	.03511	2.3897	-19.709
#2	.03389	5.691	.02952	2.2793	-18.718
#3	.03404	5.696	.03084	2.1931	-19.741
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3487.8	47938.	4440.9	98.381	3682.0
Stddev	10.3	163.	17.1	1.502	16.7
%RSD	.29503	.33925	.38544	1.5273	.45370
#1	3475.9	47783.	4422.8	100.07	3672.0
#2	3494.2	47923.	4456.9	97.192	3672.7
#3	3493.3	48107.	4442.9	97.883	3701.3

Sample Name: J6556-02 Acquired: 12/29/2018 15:58:13 Type: Unk
Method: P4-ICP2(v2688) 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	.06681	-.00156	38.012	.01432	.24230	37.859	.43836
Stddev	.00122	.00114	.144	.00210	.00003	.206	.00310
%RSD	1.8246	73.266	.37860	14.685	.01389	.54377	.70613

#1	.06635	-.00277	38.082	.01251	.24229	37.871	.43803
#2	.06819	-.00049	38.107	.01381	.24226	37.648	.44161
#3	.06588	-.00142	37.846	.01662	.24233	38.059	.43545

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00296	.00618	30.712	.10017	.01788	.32187	68.367
Stddev	.00006	.00027	.207	.00024	.00006	.00239	1.319
%RSD	2.0612	4.3299	.67358	.24133	.31114	.74126	1.9293

#1	.00297	.00647	30.694	.10044	.01790	.32237	66.858
#2	.00289	.00613	30.927	.10001	.01782	.32396	69.298
#3	.00301	.00594	30.514	.10005	.01793	.31927	68.946

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2472	10.402	.07831	.00066	.31459	.13398	.85761
Stddev	.0025	.073	.00045	.00048	.00453	.00092	.01588
%RSD	.20183	.69872	.56966	72.885	1.4388	.68663	1.8516

#1	1.2490	10.320	.07877	.00016	.31917	.13504	.83986
#2	1.2444	10.457	.07788	.00111	.31012	.13345	.87048
#3	1.2483	10.429	.07828	.00071	.31446	.13344	.86248

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3017	.00974	.04973	3.7351	.81042	.78005	.28256
Stddev	.0052	.00033	.00114	.0197	.00598	.00126	.00280
%RSD	.15636	3.3520	2.3001	.52612	.73778	.16151	.99137

#1	3.2961	.00968	.04923	3.7407	.81460	.78141	.28057
#2	3.3063	.01010	.04891	3.7513	.81308	.77980	.28576
#3	3.3026	.00945	.05103	3.7132	.80357	.77893	.28134

Sample Name: J6556-02 Acquired: 12/29/2018 15:58:13 Type: Unk
Method: P4-ICP2(v2688) 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	.03031	6.105	.07880	2.6642	F<.00000
Stddev	.00091	.022	.00135	.0732	.19147
%RSD	3.0054	.3659	1.7131	2.7482	6.4217
#1	.02968	6.109	.08016	2.6523	-2.7607
#2	.02990	6.124	.07878	2.5977	-3.0834
#3	.03136	6.080	.07746	2.7427	-3.1006
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3482.0	47928.	4419.0	101.18	3755.3
Stddev	9.9	178.	26.4	1.88	15.7
%RSD	.28302	.37057	.59834	1.8561	.41725
#1	3478.7	47855.	4418.8	103.29	3744.7
#2	3474.2	48131.	4392.7	99.688	3748.0
#3	3493.1	47799.	4445.5	100.55	3773.3

Sample Name: J6556-03 Acquired: 12/29/2018 16:02:05 Type: Unk
Method: P4-ICP2(v2688) 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	.05682	-.00092	10.987	.01436	.08906	36.589	.39642
Stddev	.00312	.00099	.083	.00171	.00143	.258	.00292
%RSD	5.4910	106.98	.75724	11.895	1.6101	.70579	.73619

#1	.06041	-.00192	10.891	.01329	.09069	36.311	.39973
#2	.05479	-.00090	11.042	.01345	.08802	36.821	.39422
#3	.05526	.00005	11.028	.01633	.08846	36.636	.39531

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00333	.00271	33.464	.18513	.01525	.24874	65.264
Stddev	.00012	.00008	.241	.00085	.00030	.00174	.176
%RSD	3.5996	2.8309	.71870	.46090	1.9875	.69817	.27022

#1	.00334	.00262	33.741	.18415	.01509	.25075	65.154
#2	.00321	.00275	33.339	.18553	.01506	.24771	65.171
#3	.00345	.00276	33.312	.18570	.01560	.24777	65.468

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0654	9.0122	.08289	-.00171	.21079	.14541	.69897
Stddev	.0007	.0343	.00027	.00065	.00759	.00107	.00414
%RSD	.06238	.38028	.32813	38.078	3.6023	.73274	.59251

#1	1.0657	9.0483	.08288	-.00106	.21932	.14645	.70296
#2	1.0658	8.9801	.08263	-.00236	.20477	.14432	.69469
#3	1.0646	9.0084	.08317	-.00170	.20828	.14546	.69926

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5006	.00787	.05516	2.8618	1.1181	.02767	.28789
Stddev	.0368	.00007	.00110	.0173	.0142	.00032	.00201
%RSD	1.0512	.86717	1.9983	.60428	1.2696	1.1494	.69842

#1	3.5414	.00791	.05579	2.8420	1.1336	.02755	.28731
#2	3.4700	.00789	.05581	2.8738	1.1057	.02804	.28622
#3	3.4903	.00779	.05389	2.8696	1.1150	.02744	.29012

Sample Name: J6556-03 Acquired: 12/29/2018 16:02:05 Type: Unk
Method: P4-ICP2(v2688) 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	.02939	5.768	.13639	2.9337	F<.00000
Stddev	.00075	.031	.00130	.1124	.45297
%RSD	2.5468	.5384	.94960	3.8328	19.811
#1	.03022	5.733	.13782	2.8682	-1.8784
#2	.02877	5.787	.13530	3.0636	-2.7739
#3	.02917	5.786	.13603	2.8694	-2.2070
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3444.2	47355.	4451.7	101.26	3755.7
Stddev	5.2	113.	53.8	.64	26.2
%RSD	.15228	.23774	1.2090	.62718	.69682
#1	3438.2	47360.	4389.8	100.58	3785.5
#2	3447.5	47240.	4487.5	101.83	3736.2
#3	3446.9	47465.	4477.7	101.38	3745.5

Sample Name: J6556-04 Acquired: 12/29/2018 16:05:58 Type: Unk
Method: P4-ICP2(v2688) 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	.12169	-.00543	112.42	.02051	.47768	70.146	.69738
Stddev	.00242	.00131	.51	.00305	.00097	.175	.00282
%RSD	1.9875	24.085	.45187	14.880	.20296	.24887	.40478

#1	.12442	-.00394	112.25	.01765	.47675	70.012	.69898
#2	.11984	-.00640	112.99	.02373	.47868	70.343	.69412
#3	.12080	-.00594	112.02	.02015	.47761	70.083	.69903

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00271	.01551	120.87	.08281	.02271	2.9085	99.418
Stddev	.00008	.00023	.37	.00017	.00011	.0040	.907
%RSD	2.7976	1.4603	.30223	.20396	.50416	.13846	.91195

#1	.00263	.01535	121.16	.08296	.02260	2.9071	99.942
#2	.00273	.01577	121.00	.08263	.02283	2.9054	98.371
#3	.00277	.01540	120.46	.08283	.02271	2.9130	99.940

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0155	22.638	.26503	.00765	.49326	.13062	2.1016
Stddev	.0021	.140	.00069	.00068	.00331	.00056	.0158
%RSD	.10263	.61886	.25997	8.8379	.67123	.42648	.75257

#1	2.0159	22.489	.26475	.00766	.49054	.13124	2.1048
#2	2.0133	22.768	.26581	.00697	.49231	.13048	2.0844
#3	2.0174	22.656	.26452	.00832	.49695	.13015	2.1156

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7095	.01040	.08763	F 24.114	1.4416	.25293	.42473
Stddev	.0246	.00010	.00592	.028	.0115	.00191	.00182
%RSD	.66345	.96504	6.7520	.11767	.79986	.75504	.42906

#1	3.6824	.01029	.09438	24.113	1.4526	.25144	.42609
#2	3.7157	.01043	.08516	24.143	1.4427	.25508	.42266
#3	3.7304	.01049	.08335	24.086	1.4296	.25226	.42543

Sample Name: J6556-04 Acquired: 12/29/2018 16:05:58 Type: Unk
 Method: P4-ICP2(v2688) 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	.03111	8.230	.35406	3.0880	F<.00000
Stddev	.00100	.019	.00046	.0943	.28663
%RSD	3.1994	.2256	.12942	3.0548	2.4998
#1	.03076	8.241	.35424	3.1334	-11.393
#2	.03223	8.240	.35440	3.1511	-11.782
#3	.03033	8.208	.35354	2.9796	-11.223
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3384.3	46754.	4527.1	99.970	3546.6
Stddev	10.9	60.	9.2	.848	18.5
%RSD	.32073	.12811	.20230	.84863	.52195
#1	3372.0	46721.	4517.8	99.367	3532.2
#2	3388.5	46718.	4536.1	100.94	3540.0
#3	3392.5	46823.	4527.4	99.602	3567.5

Sample Name: J6556-05 Acquired: 12/29/2018 16:09:48 Type: Unk
Method: P4-ICP2(v2688) 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	.04442	-.00234	15.453	.01439	.03400	45.556	.49072
Stddev	.00140	.00003	.046	.00118	.00108	.127	.00345
%RSD	3.1517	1.3086	.29668	8.2004	3.1651	.27903	.70333

#1	.04300	-.00233	15.402	.01383	.03497	45.647	.49417
#2	.04446	-.00237	15.491	.01575	.03419	45.411	.49072
#3	.04580	-.00231	15.467	.01359	.03285	45.610	.48727

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00302	.00365	32.314	.11316	.01949	.39985	76.181
Stddev	.00003	.00017	.282	.00082	.00003	.00160	.447
%RSD	1.0033	4.6650	.87343	.72681	.15560	.40035	.58651

#1	.00301	.00348	32.618	.11351	.01952	.39836	76.491
#2	.00299	.00382	32.060	.11222	.01948	.40154	75.669
#3	.00305	.00364	32.263	.11375	.01946	.39965	76.383

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8011	9.2517	.06340	-.00188	.14971	.13847	.69683
Stddev	.0104	.0510	.00015	.00028	.01191	.00130	.00893
%RSD	.57634	.55155	.23997	14.664	7.9523	.93592	1.2820

#1	1.8049	9.2922	.06333	-.00180	.13641	.13845	.70021
#2	1.7893	9.1944	.06357	-.00166	.15336	.13719	.68670
#3	1.8090	9.2685	.06329	-.00219	.15936	.13978	.70358

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4711	.00416	.05254	3.4681	.90081	.03352	.30735
Stddev	.0180	.00021	.00655	.0147	.00658	.00062	.00107
%RSD	.51830	5.0733	12.467	.42372	.73036	1.8423	.34831

#1	3.4505	.00441	.05193	3.4515	.90113	.03282	.30664
#2	3.4795	.00406	.04632	3.4795	.89407	.03372	.30858
#3	3.4834	.00403	.05938	3.4732	.90722	.03401	.30682

Sample Name: J6556-05 Acquired: 12/29/2018 16:09:48 Type: Unk
 Method: P4-ICP2(v2688) 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	.03785	5.267	.05693	2.6959	F<.00000
Stddev	.00032	.014	.00045	.0730	.13770
%RSD	.83612	.2592	.78664	2.7058	2.4577
#1	.03814	5.259	.05741	2.6118	-5.5598
#2	.03751	5.282	.05651	2.7420	-5.7570
#3	.03789	5.258	.05688	2.7339	-5.4919
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3525.5	47982.	4523.9	101.61	3741.4
Stddev	5.6	243.	35.3	1.15	8.4
%RSD	.15838	.50740	.78017	1.1278	.22477
#1	3520.3	47867.	4489.9	100.92	3745.5
#2	3524.8	48262.	4560.4	102.93	3731.7
#3	3531.4	47818.	4521.5	100.97	3746.9

Sample Name: J6556-06 Acquired: 12/29/2018 16:13:42 Type: Unk
Method: P4-ICP2(v2688) 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	.19504	-.00735	109.19	.04017	.64972	118.16	.90605
Stddev	.00161	.00154	.16	.00054	.00508	.33	.00187
%RSD	.82610	20.881	.14497	1.3370	.78133	.28242	.20618

#1	.19471	-.00891	109.37	.03984	.65381	117.84	.90807
#2	.19679	-.00584	109.06	.04079	.65132	118.15	.90439
#3	.19362	-.00731	109.14	.03989	.64404	118.51	.90569

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00350	.02629	119.36	.19772	.03683	16.099	242.92
Stddev	.00006	.00032	.62	.00142	.00009	.042	3.48
%RSD	1.6242	1.2065	.52286	.72060	.25048	.26355	1.4332

#1	.00343	.02660	118.69	.19873	.03675	16.132	239.01
#2	.00353	.02596	119.94	.19834	.03693	16.114	245.69
#3	.00353	.02630	119.44	.19609	.03681	16.051	244.06

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8337	45.270	.17211	.08816	2.4396	.18140	7.0981
Stddev	.0065	.207	.00039	.00126	.0088	.00075	.0732
%RSD	.22855	.45799	.22594	1.4347	.36233	.41081	1.0310

#1	2.8398	45.438	.17179	.08678	2.4496	.18109	7.0305
#2	2.8344	45.038	.17200	.08926	2.4363	.18226	7.1758
#3	2.8269	45.333	.17254	.08843	2.4329	.18087	7.0880

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9296	.03619	.18613	7.3625	2.4339	4.3189	1.6899
Stddev	.0107	.00026	.00204	.0189	.0090	.0036	.0032
%RSD	.11989	.72049	1.0963	.25709	.37099	.08326	.19197

#1	8.9416	.03594	.18704	7.3408	2.4370	4.3230	1.6919
#2	8.9262	.03617	.18756	7.3754	2.4411	4.3163	1.6917
#3	8.9210	.03646	.18379	7.3712	2.4238	4.3173	1.6861

Sample Name: J6556-06 Acquired: 12/29/2018 16:13:42 Type: Unk
Method: P4-ICP2(v2688) 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	.04606	F 11.94	.07756	1.7071	F<.00000
Stddev	.00063	.00	.00313	.1507	.87829
%RSD	1.3681	.0317	4.0340	8.8249	1.3631
#1	.04647	11.94	.08112	1.8743	-65.200
#2	.04533	11.93	.07523	1.5819	-64.620
#3	.04638	11.93	.07634	1.6652	-63.474
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3404.0	46927.	4581.6	95.054	3418.6
Stddev	12.6	169.	14.0	1.056	7.4
%RSD	.37024	.35989	.30508	1.1109	.21539
#1	3392.8	46734.	4567.7	96.027	3410.2
#2	3401.5	46998.	4581.4	93.931	3421.7
#3	3417.6	47049.	4595.7	95.205	3423.9

Sample Name: J6556-07 Acquired: 12/29/2018 16:17:37 Type: Unk
Method: P4-ICP2(v2688) 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	.04230	-.00137	5.6122	.01034	.01745	40.832	.19919
Stddev	.00201	.00070	.0319	.00120	.00134	.172	.00138
%RSD	4.7431	50.757	.56925	11.636	7.6805	.42020	.69122

#1	.04369	-.00209	5.6427	.01071	.01895	41.027	.19921
#2	.04000	-.00132	5.5790	.01131	.01636	40.769	.19780
#3	.04320	-.00071	5.6148	.00900	.01705	40.702	.20055

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00285	-.00016	7.2603	.06768	.01947	.22828	65.879
Stddev	.00008	.00018	.0744	.00015	.00010	.00249	1.228
%RSD	2.6850	117.87	1.0244	.22148	.48855	1.0906	1.8647

#1	.00279	.00005	7.2625	.06755	.01958	.22990	64.461
#2	.00294	-.00022	7.1849	.06766	.01940	.22541	66.633
#3	.00282	-.00030	7.3336	.06784	.01943	.22952	66.542

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70910	6.1589	.03967	-.00223	.07936	.08881	.22286
Stddev	.00042	.0537	.00044	.00021	.00386	.00101	.00504
%RSD	.05855	.87256	1.1077	9.3237	4.8596	1.1321	2.2621

#1	.70863	6.1079	.03995	-.00202	.07498	.08768	.21705
#2	.70942	6.1537	.03916	-.00243	.08224	.08911	.22544
#3	.70924	6.2150	.03990	-.00224	.08085	.08963	.22608

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9771	.00230	.03622	1.4668	.60792	.00507	.19783
Stddev	.0310	.00029	.00629	.0093	.00568	.00032	.00087
%RSD	1.5658	12.832	17.375	.63183	.93419	6.2678	.43829

#1	2.0120	.00256	.03236	1.4765	.60867	.00499	.19879
#2	1.9530	.00234	.04348	1.4580	.60190	.00479	.19710
#3	1.9664	.00198	.03281	1.4661	.61318	.00542	.19761

Sample Name: J6556-07 Acquired: 12/29/2018 16:17:37 Type: Unk
Method: P4-ICP2(v2688) 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	.02998	3.309	-.03705	2.1926	F<.00000
Stddev	.00059	.012	.00116	.0665	.42398
%RSD	1.9722	.3537	3.1426	3.0340	19.151
#1	.03040	3.321	-.03571	2.1871	-2.4398
#2	.03023	3.298	-.03777	2.2617	-1.7247
#3	.02930	3.309	-.03767	2.1290	-2.4770
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3576.4	48715.	4556.9	103.42	3837.6
Stddev	22.4	144.	26.9	2.13	21.9
%RSD	.62638	.29543	.58927	2.0553	.56952
#1	3554.3	48619.	4561.8	105.87	3814.5
#2	3599.1	48646.	4580.9	102.22	3857.9
#3	3575.8	48881.	4527.9	102.16	3840.5

Sample Name: J6556-08 Acquired: 12/29/2018 16:21:35 Type: Unk
Method: P4-ICP2(v2688) 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	.06279	-.00167	30.057	.01847	.05875	45.537	.36771
Stddev	.00111	.00106	.134	.00213	.00109	.205	.00204
%RSD	1.7665	63.350	.44521	11.559	1.8593	.45083	.55419

#1	.06376	-.00151	30.176	.02045	.05808	45.516	.36641
#2	.06158	-.00070	29.912	.01621	.06001	45.752	.37006
#3	.06304	-.00280	30.083	.01873	.05816	45.344	.36667

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00475	.00586	173.00	.13957	.02279	1.2639	92.583
Stddev	.00006	.00033	1.13	.00062	.00022	.0075	1.965
%RSD	1.3018	5.5825	.65593	.44150	.97761	.59118	2.1219

#1	.00470	.00600	172.56	.13964	.02254	1.2711	92.559
#2	.00482	.00548	174.29	.14015	.02289	1.2562	94.560
#3	.00472	.00609	172.15	.13893	.02295	1.2643	90.631

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2684	76.927	.07348	-.00116	.46800	.14973	1.2247
Stddev	.0034	.236	.00027	.00020	.00616	.00099	.0240
%RSD	.26929	.30643	.36658	17.082	1.3167	.66034	1.9636

#1	1.2707	76.814	.07349	-.00116	.47187	.14920	1.2221
#2	1.2700	77.198	.07321	-.00096	.46089	.15087	1.2500
#3	1.2645	76.769	.07375	-.00136	.47123	.14911	1.2021

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9534	.00762	.07332	4.0383	1.1561	.04572	.48795
Stddev	.0141	.00004	.00539	.0134	.0050	.00048	.00235
%RSD	.47754	.47529	7.3484	.33131	.43541	1.0560	.48190

#1	2.9372	.00766	.07939	4.0363	1.1577	.04627	.48984
#2	2.9603	.00760	.07149	4.0260	1.1504	.04542	.48869
#3	2.9627	.00760	.06909	4.0525	1.1601	.04546	.48532

Sample Name: J6556-08 Acquired: 12/29/2018 16:21:35 Type: Unk
Method: P4-ICP2(v2688) 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	.05528	5.566	.20870	2.8076	F<.00000
Stddev	.00047	.018	.00068	.1172	.26331
%RSD	.85264	.3259	.32429	4.1755	4.0768
#1	.05473	5.582	.20807	2.8513	-6.3206
#2	.05555	5.546	.20861	2.8968	-6.7624
#3	.05554	5.571	.20942	2.6748	-6.2933
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3389.1	46426.	4521.1	97.010	3450.1
Stddev	21.4	179.	17.1	1.924	18.5
%RSD	.63252	.38512	.37744	1.9835	.53762
#1	3367.1	46430.	4531.5	97.023	3431.5
#2	3410.0	46245.	4501.4	95.080	3468.6
#3	3390.1	46602.	4530.4	98.928	3450.1

Sample Name: CCV04 Acquired: 12/29/2018 16:25:29 Type: Unk
Method: P4-ICP2(v2688) 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	5.0945	4.7482	4.9150	4.8765	5.0100	10.188	10.490	.24562
Stddev	.0173	.0116	.0047	.0184	.0129	.142	.012	.00062
%RSD	.33861	.24379	.09563	.37694	.25744	1.3961	.11711	.25321
#1	5.0753	4.7368	4.9120	4.8592	4.9955	10.342	10.500	.24629
#2	5.1086	4.7478	4.9204	4.8744	5.0142	10.159	10.476	.24551
#3	5.0996	4.7599	4.9126	4.8958	5.0202	10.062	10.494	.24506
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3865	26.525	1.0180	2.4030	1.2373	4.7773	2.4977	25.936
Stddev	.0047	.084	.0021	.0046	.0032	.0868	.0050	.081
%RSD	.19560	.31577	.20672	.18942	.26169	1.8169	.20034	.31269
#1	2.3819	26.600	1.0200	2.3983	1.2345	4.7658	2.4998	26.015
#2	2.3865	26.540	1.0183	2.4031	1.2365	4.6969	2.5013	25.942
#3	2.3912	26.435	1.0158	2.4074	1.2408	4.8693	2.4920	25.853
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5875	1.3017	25.692	2.3589	2.5674	25.152	5.0445	4.8845
Stddev	.0072	.0020	.053	.0054	.0594	.009	.0103	.0147
%RSD	.27689	.15705	.20791	.22723	2.3149	.03593	.20461	.30204
#1	2.5795	1.3041	25.650	2.3619	2.5272	25.148	5.0327	4.8923
#2	2.5898	1.3007	25.674	2.3620	2.5393	25.145	5.0517	4.8675
#3	2.5933	1.3004	25.752	2.3527	2.6357	25.162	5.0491	4.8938
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5835	4.9795	4.8230	4.8625	4.9959	4.827	5.2028	F 3.7516
Stddev	.0151	.0197	.0089	.0339	.0041	.016	.0411	.0877
%RSD	.32971	.39621	.18468	.69761	.08279	.3210	.78935	2.3384
#1	4.5681	4.9584	4.8128	4.8997	4.9951	4.809	5.1556	3.8333
#2	4.5983	4.9829	4.8290	4.8545	4.9921	4.838	5.2301	3.6589
#3	4.5841	4.9974	4.8273	4.8332	5.0003	4.833	5.2228	3.7625

Sample Name: CCV04 Acquired: 12/29/2018 16:25:29 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.4949
Stddev .1682
%RSD 6.7436

#1 2.6780
#2 2.4596
#3 2.3471

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3337.7	45154.	4267.0	96.681	3537.4
Stddev	3.5	158.	11.6	2.067	2.8
%RSD	.10554	.34938	.27294	2.1376	.07885

#1	3338.6	44977.	4280.0	97.938	3535.8
#2	3333.8	45204.	4263.5	97.809	3535.8
#3	3340.6	45280.	4257.5	94.296	3540.6

Sample Name: CCB04 Acquired: 12/29/2018 16:37:31 Type: Unk
Method: P4-ICP2(v2688) 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	.00063	.00155	-.00056	-.00073	-.00610	.00304	-.00003
Stddev	.00058	.00058	.00057	.00157	.00086	.00631	.00081	.00008
%RSD	302.33	91.337	36.860	281.35	117.97	103.57	26.758	308.84
#1	.00082	.00078	.00144	-.00228	-.00162	-.01338	.00225	-.00012
#2	.00007	.00112	.00216	.00080	-.00069	-.00230	.00388	-.00000
#3	-.00031	-.00001	.00104	-.00020	.00011	-.00261	.00299	.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00437	.00040	.00013	.00015	.00515	.00006	.01749
Stddev	.00001	.00971	.00021	.00013	.00020	.00292	.00004	.00848
%RSD	128.81	222.27	53.253	99.368	127.51	56.586	65.053	48.460
#1	.00002	.00867	.00029	.00012	.00035	.00181	.00007	.02721
#2	-.00000	-.00675	.00026	.00001	.00016	.00714	.00009	.01160
#3	.00001	.01118	.00064	.00027	-.00004	.00652	.00002	.01367
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00097	-.00001	-.04523	-.00029	-.00174	-.01043	-.00020	.00272
Stddev	.00033	.00037	.00350	.00014	.00003	.02727	.00019	.00557
%RSD	34.206	5757.6	7.7385	46.983	1.8338	261.35	91.632	204.68
#1	.00065	.00018	-.04795	-.00022	-.00176	.01103	-.00042	.00687
#2	.00094	.00024	-.04647	-.00020	-.00175	-.00122	-.00012	-.00361
#3	.00131	-.00043	-.04128	-.00045	-.00170	-.04112	-.00007	.00490
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00085	.00008	-.00251	.00279	-.00235	-.0015	-.00003	F 2.9825
Stddev	.00100	.00155	.00015	.00115	.00145	.0011	.00002	.2115
%RSD	117.75	1999.9	5.9754	41.301	61.638	70.91	54.685	7.0903
#1	-.00070	.00178	-.00267	.00205	-.00141	-.0004	-.00004	3.2238
#2	.00007	-.00030	-.00246	.00412	-.00162	-.0025	-.00004	2.8937
#3	-.00191	-.00125	-.00238	.00221	-.00402	-.0017	-.00001	2.8298

Sample Name: CCB04 Acquired: 12/29/2018 16:37:31 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .83795
Stddev	.20054
%RSD	23.932

#1	.70640
#2	1.0688
#3	.73869

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3497.9	47083.	4252.1	100.29	4057.4
Stddev	5.9	422.	16.8	.31	12.5
%RSD	.16858	.89680	.39615	.31079	.30920

#1	3491.3	46638.	4253.6	100.50	4046.0
#2	3502.8	47133.	4234.5	99.933	4055.3
#3	3499.6	47478.	4268.1	100.44	4070.9

Sample Name: J6556-09 Acquired: 12/29/2018 16:41:38 Type: Unk
Method: P4-ICP2(v2688) 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	.03747	-.00068	.55345	.00846	.00411	39.459	.21316
Stddev	.00140	.00046	.00165	.00196	.00089	.035	.00252
%RSD	3.7400	66.595	.29839	23.144	21.665	.08961	1.1815

#1	.03872	-.00059	.55308	.00965	.00495	39.486	.21429
#2	.03774	-.00118	.55526	.00620	.00422	39.419	.21491
#3	.03595	-.00028	.55202	.00954	.00317	39.473	.21027

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00263	-.00121	7.1694	.07100	.01889	.03949	60.778
Stddev	.00004	.00009	.0700	.00059	.00014	.00049	.451
%RSD	1.5384	7.8012	.97694	.83740	.74778	1.2459	.74212

#1	.00261	-.00111	7.2384	.07127	.01880	.03991	60.363
#2	.00267	-.00130	7.1715	.07032	.01905	.03895	61.258
#3	.00259	-.00121	7.0984	.07141	.01882	.03961	60.713

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67673	6.8157	.03613	-.00285	.00165	.07911	.14844
Stddev	.00068	.0248	.00051	.00017	.00465	.00059	.00165
%RSD	.10051	.36414	1.4029	6.0151	280.94	.75142	1.1129

#1	.67595	6.8365	.03634	-.00269	.00700	.07845	.14785
#2	.67705	6.8223	.03555	-.00303	-.00135	.07928	.15031
#3	.67719	6.7882	.03650	-.00283	-.00070	.07960	.14716

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8628	.00119	.03388	.20019	.78267	-.00017	.18228
Stddev	.0332	.00020	.00331	.00458	.00647	.00050	.00084
%RSD	1.7838	16.530	9.7737	2.2863	.82727	299.56	.45813

#1	1.8983	.00139	.03256	.19705	.79002	-.00066	.18133
#2	1.8576	.00099	.03765	.20544	.77779	.00035	.18286
#3	1.8325	.00118	.03143	.19807	.78020	-.00019	.18267

Sample Name: J6556-09 Acquired: 12/29/2018 16:41:38 Type: Unk
Method: P4-ICP2(v2688) 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	.03263	2.873	-.00469	2.4740	F<.00000
Stddev	.00124	.001	.00063	.1111	.31421
%RSD	3.8096	.0370	13.461	4.4898	21.587

#1	.03179	2.873	-.00404	2.5794	-1.7336
#2	.03406	2.874	-.00530	2.3580	-1.5184
#3	.03204	2.872	-.00473	2.4848	-1.1147

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3600.7	48657.	4551.4	103.34	3847.1
Stddev	13.2	49.	51.5	.94	11.8
%RSD	.36775	.10102	1.1321	.90981	.30721

#1	3585.5	48615.	4501.9	103.61	3833.7
#2	3609.7	48645.	4547.6	102.30	3851.4
#3	3606.8	48711.	4604.8	104.12	3856.1

Sample Name: J6556-10 Acquired: 12/29/2018 16:45:35 Type: Unk
Method: P4-ICP2(v2688) 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	.05781	-.00215	13.170	.01981	.05055	46.081	.78591
Stddev	.00093	.00029	.054	.00110	.00156	.770	.00265
%RSD	1.6081	13.490	.40788	5.5647	3.0821	1.6717	.33744

#1	.05808	-.00185	13.216	.02000	.05152	45.194	.78658
#2	.05859	-.00243	13.111	.02080	.04875	46.461	.78299
#3	.05678	-.00216	13.182	.01862	.05138	46.587	.78816

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00341	.01277	103.52	.23926	.02717	1.8666	109.61
Stddev	.00008	.00029	.21	.00271	.00017	.0050	1.24
%RSD	2.3668	2.2931	.20131	1.1323	.63307	.26657	1.1269

#1	.00334	.01285	103.31	.23620	.02701	1.8723	108.49
#2	.00350	.01245	103.50	.24021	.02736	1.8635	110.93
#3	.00340	.01302	103.73	.24136	.02715	1.8639	109.40

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6537	23.933	.15075	-.00103	.63737	.18207	2.5553
Stddev	.0225	.028	.00094	.00017	.00570	.00340	.0129
%RSD	.84839	.11608	.62330	16.772	.89428	1.8669	.50310

#1	2.6278	23.904	.15084	-.00101	.64339	.17847	2.5522
#2	2.6682	23.935	.14977	-.00087	.63206	.18251	2.5695
#3	2.6652	23.960	.15165	-.00121	.63666	.18522	2.5443

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.6874	.02154	.09221	5.4848	1.2317	.16216	.37811
Stddev	.0171	.00011	.00739	.0158	.0026	.00078	.00038
%RSD	.25544	.48845	8.0149	.28868	.21250	.48056	.10088

#1	6.6986	.02146	.09229	5.4760	1.2288	.16236	.37794
#2	6.6960	.02150	.09956	5.4753	1.2324	.16130	.37784
#3	6.6678	.02166	.08478	5.5031	1.2339	.16281	.37854

Sample Name: J6556-10 Acquired: 12/29/2018 16:45:35 Type: Unk
Method: P4-ICP2(v2688) 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	.04123	7.288	.28900	2.4804	F<.00000
Stddev	.00052	.021	.00177	.0770	.36031
%RSD	1.2608	.2871	.61215	3.1042	2.9442

#1	.04180	7.312	.28895	2.3965	-12.116
#2	.04113	7.273	.28726	2.4969	-12.644
#3	.04077	7.278	.29080	2.5478	-11.955

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3485.3	47638.	4556.0	98.880	3617.9
Stddev	19.1	334.	35.6	.567	19.7
%RSD	.54914	.70029	.78140	.57377	.54335

#1	3463.2	48018.	4517.4	98.762	3596.1
#2	3496.0	47499.	4587.6	98.381	3634.3
#3	3496.8	47396.	4562.8	99.497	3623.2

Sample Name: J6556-11 Acquired: 12/29/2018 16:49:24 Type: Unk
Method: P4-ICP2(v2688) 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	.04627	-.00450	17.010	.02030	.06033	41.677	.55618
Stddev	.00313	.00052	.053	.00167	.00128	.328	.00634
%RSD	6.7680	11.448	.31365	8.2421	2.1195	.78783	1.1397

#1	.04379	-.00477	17.021	.01839	.05967	42.040	.56057
#2	.04979	-.00391	17.057	.02101	.06180	41.401	.55906
#3	.04523	-.00483	16.952	.02149	.05951	41.589	.54891

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00328	.00878	153.71	.25130	.02139	.77536	105.30
Stddev	.00008	.00008	1.82	.00331	.00004	.00608	.95
%RSD	2.3331	.95632	1.1843	1.3172	.17599	.78478	.90155

#1	.00333	.00872	154.22	.25508	.02139	.77248	106.22
#2	.00331	.00875	155.23	.24894	.02136	.78235	105.36
#3	.00319	.00888	151.69	.24987	.02143	.77124	104.32

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0778	58.970	.09969	-.00164	1.0488	.15352	1.4594
Stddev	.0248	.304	.00026	.00017	.0118	.00254	.0186
%RSD	1.1957	.51588	.25921	10.165	1.1229	1.6531	1.2774

#1	2.1064	58.941	.09962	-.00183	1.0598	.15614	1.4762
#2	2.0621	59.288	.09998	-.00160	1.0502	.15107	1.4625
#3	2.0648	58.682	.09948	-.00150	1.0364	.15335	1.4393

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.9908	.01688	.11413	5.6421	1.8655	.08900	.47603
Stddev	.0805	.00031	.00390	.0346	.0266	.00080	.00271
%RSD	1.1520	1.8399	3.4178	.61286	1.4257	.90419	.56941

#1	7.0637	.01666	.11086	5.6336	1.8930	.08928	.47866
#2	7.0043	.01723	.11845	5.6802	1.8634	.08962	.47618
#3	6.9043	.01674	.11308	5.6126	1.8400	.08809	.47324

Sample Name: J6556-11 Acquired: 12/29/2018 16:49:24 Type: Unk
Method: P4-ICP2(v2688) 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	.04170	6.415	.18306	2.9238	F<.00000
Stddev	.00039	.027	.00305	.2072	.32989
%RSD	.92415	.4197	1.6648	7.0866	3.5702
#1	.04214	6.406	.18416	3.1573	-9.6170
#2	.04143	6.445	.18541	2.8521	-9.0036
#3	.04152	6.394	.17962	2.7620	-9.0997
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3412.8	46395.	4519.5	96.457	3497.2
Stddev	22.0	600.	66.0	1.445	18.4
%RSD	.64491	1.2942	1.4594	1.4982	.52652
#1	3404.0	45705.	4474.0	95.120	3483.6
#2	3396.6	46682.	4489.4	96.259	3489.9
#3	3437.8	46798.	4595.2	97.990	3518.2

Sample Name: J6556-12 Acquired: 12/29/2018 16:53:13 Type: Unk
Method: P4-ICP2(v2688) 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	.06413	-.00518	24.402	.02304	.05264	62.095	.66162
Stddev	.00183	.00028	.063	.00301	.00122	.364	.00409
%RSD	2.8591	5.3378	.25854	13.058	2.3175	.58653	.61873

#1	.06271	-.00527	24.409	.02623	.05374	61.949	.65700
#2	.06348	-.00540	24.462	.02025	.05284	61.826	.66478
#3	.06620	-.00487	24.336	.02264	.05133	62.509	.66309

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00616	.01490	222.91	.11293	.02828	.67479	116.46
Stddev	.00001	.00012	2.50	.00041	.00024	.00219	1.52
%RSD	.18502	.78030	1.1224	.36724	.84400	.32501	1.3081

#1	.00616	.01496	220.02	.11291	.02812	.67229	116.48
#2	.00617	.01476	224.29	.11336	.02855	.67572	117.97
#3	.00614	.01497	224.42	.11253	.02816	.67638	114.92

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3455	78.446	.09409	.00094	1.1498	.18051	1.6266
Stddev	.0131	.789	.00011	.00034	.0153	.00097	.0249
%RSD	.39255	1.0063	.11599	35.528	1.3288	.53583	1.5321

#1	3.3499	77.552	.09422	.00074	1.1352	.17940	1.6236
#2	3.3307	79.049	.09402	.00133	1.1484	.18113	1.6528
#3	3.3558	78.737	.09404	.00076	1.1657	.18100	1.6033

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.3200	.01228	.13534	9.6915	2.8173	.08373	1.3873
Stddev	.0937	.00014	.00451	.0192	.0335	.00117	.0083
%RSD	1.4828	1.1396	3.3298	.19794	1.1890	1.4015	.59816

#1	6.2124	.01212	.13056	9.7125	2.7858	.08335	1.3777
#2	6.3635	.01240	.13951	9.6871	2.8525	.08504	1.3922
#3	6.3840	.01231	.13595	9.6749	2.8137	.08279	1.3918

Sample Name: J6556-12 Acquired: 12/29/2018 16:53:13 Type: Unk
Method: P4-ICP2(v2688) 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	.06777	4.748	.16541	1.1961	F<.00000
Stddev	.00074	.003	.00393	.1012	.16735
%RSD	1.0933	.0553	2.3768	8.4635	1.3571
#1	.06702	4.751	.16150	1.2908	-12.359
#2	.06781	4.746	.16538	1.0894	-12.152
#3	.06850	4.748	.16936	1.2082	-12.484
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3881.4	52831.	5138.7	94.801	3381.9
Stddev	6.5	33.	43.6	1.505	13.7
%RSD	.16737	.06227	.84785	1.5876	.40524
#1	3880.7	52852.	5182.7	94.809	3373.3
#2	3875.3	52847.	5095.5	93.292	3374.7
#3	3888.2	52793.	5138.0	96.302	3397.7

Sample Name: J6556-13 Acquired: 12/29/2018 16:57:06 Type: Unk
Method: P4-ICP2(v2688) 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	.06426	-.00768	29.474	.02992	.06163	70.234	.74194
Stddev	.00096	.00055	.128	.00128	.00193	1.102	.00194
%RSD	1.5016	7.1908	.43482	4.2625	3.1249	1.5695	.26137

#1	.06351	-.00831	29.409	.02967	.06058	68.985	.74153
#2	.06535	-.00742	29.622	.03130	.06385	70.644	.74024
#3	.06392	-.00731	29.392	.02879	.06046	71.072	.74405

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00695	.01417	278.91	.13341	.03389	1.0946	154.30
Stddev	.00013	.00012	2.04	.00203	.00033	.0028	2.68
%RSD	1.9239	.81343	.73156	1.5221	.96905	.25280	1.7373

#1	.00680	.01426	276.59	.13160	.03352	1.0917	152.24
#2	.00698	.01404	279.70	.13303	.03416	1.0972	157.33
#3	.00706	.01420	280.43	.13561	.03397	1.0949	153.34

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1612	101.53	.11303	.00174	1.2281	.20465	1.8946
Stddev	.0286	.43	.00110	.00073	.0063	.00192	.0265
%RSD	.68836	.41896	.97435	42.148	.51734	.93646	1.4005

#1	4.1282	101.24	.11204	.00224	1.2294	.20297	1.8846
#2	4.1791	102.02	.11422	.00209	1.2212	.20424	1.9247
#3	4.1763	101.33	.11283	.00090	1.2337	.20673	1.8746

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7698	.01636	.16556	9.5485	3.8268	.12075	1.2148
Stddev	.0487	.00022	.00641	.0496	.0107	.00032	.0037
%RSD	.71997	1.3340	3.8741	.51968	.28036	.26151	.30595

#1	6.7681	.01611	.17296	9.4949	3.8236	.12111	1.2184
#2	6.7220	.01644	.16163	9.5929	3.8180	.12057	1.2149
#3	6.8194	.01652	.16209	9.5576	3.8388	.12056	1.2110

Sample Name: J6556-13 Acquired: 12/29/2018 16:57:06 Type: Unk
 Method: P4-ICP2(v2688) 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	.07410	5.495	.15537	1.3904	F<.00000
Stddev	.00049	.037	.00260	.1761	.34976
%RSD	.66434	.6679	1.6749	12.669	1.3817
#1	.07461	5.455	.15535	1.1890	-25.001
#2	.07362	5.527	.15278	1.4666	-25.248
#3	.07406	5.503	.15798	1.5156	-25.691
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3758.9	50883.	5051.9	93.137	3266.9
Stddev	6.0	417.	12.4	1.249	13.0
%RSD	.15849	.81859	.24546	1.3409	.39812
#1	3765.3	51358.	5037.9	93.615	3272.0
#2	3753.5	50715.	5056.7	91.720	3252.1
#3	3758.0	50577.	5061.2	94.077	3276.6

Sample Name: J6556-13DUP Acquired: 12/29/2018 17:01:04 Type: Unk
Method: P4-ICP2(v2688) 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	.06425	-.00587	29.846	.02998	.06412	68.893	.73727
Stddev	.00157	.00190	.174	.00064	.00056	.096	.00290
%RSD	2.4409	32.299	.58149	2.1324	.87595	.13963	.39313

#1	.06244	-.00437	30.045	.02972	.06446	68.783	.73403
#2	.06515	-.00524	29.771	.03070	.06347	68.961	.73816
#3	.06516	-.00800	29.723	.02951	.06442	68.935	.73962

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00687	.01379	273.15	.13400	.03360	1.0583	154.87
Stddev	.00006	.00026	1.11	.00184	.00009	.0036	.50
%RSD	.87226	1.8528	.40794	1.3753	.25536	.34230	.32556

#1	.00690	.01378	271.92	.13487	.03356	1.0623	154.67
#2	.00680	.01405	274.08	.13524	.03370	1.0574	154.50
#3	.00691	.01354	273.44	.13188	.03355	1.0552	155.44

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0846	99.993	.11162	.00131	1.2106	.20473	1.8771
Stddev	.0124	.465	.00120	.00047	.0072	.00101	.0056
%RSD	.30424	.46547	1.0747	36.144	.59512	.49336	.30086

#1	4.0764	99.470	.11286	.00115	1.2026	.20465	1.8834
#2	4.0785	100.15	.11047	.00094	1.2165	.20578	1.8754
#3	4.0989	100.36	.11153	.00184	1.2128	.20377	1.8724

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7436	.01596	.16981	9.4902	3.7414	.11747	1.2147
Stddev	.0469	.00024	.00716	.0580	.0101	.00060	.0066
%RSD	.69575	1.5000	4.2175	.61093	.26950	.51087	.54447

#1	6.7005	.01616	.17033	9.5552	3.7303	.11814	1.2097
#2	6.7936	.01569	.17670	9.4715	3.7501	.11730	1.2222
#3	6.7369	.01602	.16240	9.4439	3.7436	.11697	1.2121

Sample Name: J6556-13DUP Acquired: 12/29/2018 17:01:04 Type: Unk
Method: P4-ICP2(v2688) 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	.07272	5.434	.14895	1.2211	F<.00000
Stddev	.00124	.026	.00170	.1188	.76180
%RSD	1.7114	.4855	1.1412	9.7302	2.9674

#1	.07130	5.462	.14759	1.3582	-26.476
#2	.07324	5.429	.15085	1.1575	-25.580
#3	.07362	5.410	.14840	1.1476	-24.961

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3775.0	51152.	5054.6	93.842	3292.4
Stddev	14.0	138.	9.0	.310	20.0
%RSD	.36977	.26956	.17833	.33074	.60838

#1	3759.0	51003.	5060.5	93.486	3269.3
#2	3784.5	51179.	5044.3	94.058	3304.8
#3	3781.5	51275.	5059.1	93.981	3303.0

Sample Name: J6556-13LX5 Acquired: 12/29/2018 17:05:03 Type: Unk
Method: P4-ICP2(v2688) 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	.01458	-.00071	6.2518	.00789	.01249	15.323	.17480	.00161
Stddev	.00222	.00054	.0192	.00367	.00020	.023	.00150	.00003
%RSD	15.253	75.299	.30668	46.490	1.6075	.14823	.85596	2.1257
#1	.01276	-.00108	6.2404	.00595	.01233	15.304	.17557	.00163
#2	.01706	-.00010	6.2410	.00559	.01272	15.348	.17308	.00157
#3	.01391	-.00095	6.2739	.01211	.01243	15.317	.17576	.00162
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00264	65.171	.03264	.00684	.27083	31.345	1.0001	23.943
Stddev	.00008	.487	.00032	.00015	.00074	.323	.0010	.119
%RSD	3.0396	.74712	.99377	2.1534	.27300	1.0290	.10071	.49554
#1	.00264	65.582	.03251	.00684	.27005	31.396	1.0011	24.080
#2	.00272	64.633	.03240	.00698	.27152	31.000	1.0001	23.872
#3	.00256	65.297	.03300	.00669	.27093	31.639	.99912	23.877
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02279	-.00014	.24322	.04776	.39042	1.5927	.00327	.03182
Stddev	.00055	.00014	.00687	.00036	.00547	.0139	.00009	.00246
%RSD	2.3981	101.86	2.8244	.74946	1.4020	.87383	2.6848	7.7370
#1	.02220	.00002	.23658	.04797	.39341	1.5998	.00317	.03454
#2	.02288	-.00023	.24278	.04735	.38411	1.6016	.00329	.03115
#3	.02328	-.00021	.25030	.04796	.39376	1.5767	.00335	.02976
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8349	.94839	.02133	.29018	.01602	1.058	.04102	2.8210
Stddev	.0074	.01829	.00023	.00086	.00187	.004	.00016	.0902
%RSD	.40525	1.9283	1.0562	.29481	11.697	.3640	.39590	3.1983
#1	1.8315	.95727	.02157	.28925	.01386	1.056	.04115	2.8968
#2	1.8297	.92736	.02132	.29093	.01718	1.055	.04108	2.8450
#3	1.8434	.96054	.02112	.29036	.01703	1.062	.04084	2.7212

Sample Name: J6556-13LX5 Acquired: 12/29/2018 17:05:03 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.1304
Stddev	.3695
%RSD	6.0275

#1	5.9827
#2	6.5509
#3	5.8576

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3528.4	47417.	4448.9	100.08	3717.7
Stddev	4.8	89.	45.5	1.34	12.7
%RSD	.13471	.18670	1.0225	1.3389	.34040

#1	3530.0	47329.	4404.5	99.389	3728.2
#2	3523.1	47506.	4495.4	101.63	3721.2
#3	3532.2	47418.	4446.7	99.228	3703.6

Sample Name: J6556-14 Acquired: 12/29/2018 17:08:58 Type: Unk
Method: P4-ICP2(v2688) 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	.75662	1.8545	29.816	1.7143	.75125	70.225	.91773
Stddev	.00458	.0115	.157	.0051	.00510	.596	.00106
%RSD	.60560	.62129	.52544	.29599	.67863	.84840	.11548

#1	.76146	1.8640	29.879	1.7201	.75519	70.490	.91709
#2	.75604	1.8417	29.637	1.7104	.74549	69.542	.91895
#3	.75235	1.8577	29.931	1.7125	.75305	70.642	.91715

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17950	.19997	279.07	.47931	.22830	1.3134	158.32
Stddev	.00188	.00052	.34	.00579	.00085	.0071	.55
%RSD	1.0448	.26115	.12268	1.2088	.37432	.53857	.34799

#1	.18035	.20054	279.40	.48477	.22891	1.3203	158.48
#2	.17736	.19953	279.09	.47323	.22733	1.3061	157.70
#3	.18081	.19982	278.72	.47993	.22867	1.3138	158.77

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2241	103.12	.58859	.06641	3.8601	.44711	2.0971
Stddev	.0412	.44	.00348	.00089	.0049	.00489	.0120
%RSD	.97531	.42736	.59199	1.3378	.12755	1.0933	.57358

#1	4.2432	102.64	.59193	.06693	3.8592	.44964	2.1073
#2	4.1769	103.52	.58498	.06538	3.8654	.44148	2.0838
#3	4.2524	103.19	.58887	.06690	3.8557	.45022	2.1002

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.749	.36098	.41013	9.4146	4.6075	.77619	1.3788
Stddev	.031	.00193	.00530	.0268	.0167	.00179	.0034
%RSD	.19520	.53597	1.2917	.28440	.36318	.23072	.24704

#1	15.765	.36319	.40761	9.4332	4.6265	.77745	1.3827
#2	15.768	.36018	.41622	9.3839	4.6009	.77414	1.3776
#3	15.713	.35958	.40656	9.4266	4.5950	.77699	1.3762

Sample Name: J6556-14 Acquired: 12/29/2018 17:08:58 Type: Unk
 Method: P4-ICP2(v2688) 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	.25679	F 11.12	.32810	1.3699	F<.00000
Stddev	.00167	.07	.00161	.1350	.45870
%RSD	.65084	.6481	.49067	9.8547	1.6890
#1	.25512	11.16	.32902	1.4984	-27.497
#2	.25846	11.04	.32905	1.2292	-27.341
#3	.25678	11.16	.32625	1.3822	-26.636
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3767.3	51210.	4962.9	91.259	3276.0
Stddev	17.5	474.	23.0	.451	8.9
%RSD	.46476	.92629	.46395	.49398	.27155
#1	3747.0	50797.	4942.4	90.779	3268.2
#2	3776.8	51728.	4958.5	91.673	3285.7
#3	3777.9	51104.	4987.8	91.324	3274.0

Sample Name: J6556-15 Acquired: 12/29/2018 17:12:47 Type: Unk
Method: P4-ICP2(v2688) 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	.75554	1.8610	29.896	1.7084	.75051	69.689	.90683
Stddev	.00313	.0032	.099	.0047	.00050	1.151	.00599
%RSD	.41409	.16925	.32996	.27624	.06626	1.6512	.66043

#1	.75915	1.8635	30.009	1.7138	.75056	68.371	.91177
#2	.75362	1.8574	29.855	1.7065	.74999	70.203	.90854
#3	.75386	1.8621	29.825	1.7049	.75098	70.493	.90017

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17917	.20082	275.20	.47603	.22962	1.3145	154.10
Stddev	.00161	.00108	1.09	.00621	.00063	.0066	3.24
%RSD	.90084	.53972	.39717	1.3041	.27479	.50068	2.1005

#1	.17734	.20198	274.54	.46890	.23032	1.3216	151.95
#2	.18042	.19984	276.46	.47893	.22910	1.3086	157.82
#3	.17974	.20064	274.59	.48026	.22943	1.3134	152.51

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2043	101.98	.59041	.06636	3.8208	.44663	2.0393
Stddev	.0454	.35	.00153	.00058	.0302	.00375	.0453
%RSD	1.0804	.34635	.25839	.87320	.78947	.83881	2.2229

#1	4.1521	102.38	.59216	.06570	3.8484	.44234	2.0216
#2	4.2258	101.82	.58972	.06679	3.8255	.44926	2.0908
#3	4.2349	101.73	.58935	.06658	3.7886	.44828	2.0055

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.571	.35978	.40449	9.4402	4.5763	.77624	1.3629
Stddev	.053	.00124	.00952	.0521	.0254	.00307	.0042
%RSD	.33913	.34480	2.3537	.55144	.55396	.39565	.30902

#1	15.586	.36106	.39475	9.4907	4.5935	.77975	1.3634
#2	15.614	.35971	.41378	9.4432	4.5881	.77403	1.3585
#3	15.512	.35858	.40494	9.3867	4.5472	.77495	1.3669

Sample Name: J6556-15 Acquired: 12/29/2018 17:12:47 Type: Unk
Method: P4-ICP2(v2688) 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	.25481	F 11.16	.32582	1.2924	F<.00000
Stddev	.00140	.04	.00189	.1106	.38705
%RSD	.55048	.3484	.57941	8.5605	1.4446
#1	.25625	11.20	.32772	1.1823	-26.364
#2	.25345	11.15	.32395	1.2912	-27.116
#3	.25472	11.13	.32579	1.4036	-26.899
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3769.0	51520.	5019.4	93.903	3264.6
Stddev	15.5	485.	44.9	2.034	13.4
%RSD	.41144	.94230	.89457	2.1655	.41051
#1	3751.1	52079.	4978.6	94.677	3249.2
#2	3778.3	51204.	5012.1	91.597	3270.5
#3	3777.6	51277.	5067.5	95.437	3274.0

Sample Name: J6556-13A Acquired: 12/29/2018 17:16:36 Type: Unk
Method: P4-ICP2(v2688) 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	.75810	1.8732	29.948	1.7281	.75172	70.580	.90941
Stddev	.00282	.0050	.075	.0001	.00172	.896	.00640
%RSD	.37202	.26772	.24897	.00330	.22889	1.2694	.70340

#1	.75921	1.8781	29.985	1.7282	.75309	69.625	.91672
#2	.75489	1.8681	29.863	1.7281	.74979	70.713	.90666
#3	.76019	1.8734	29.997	1.7281	.75228	71.403	.90484

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18136	.20119	276.75	.48347	.23013	1.3197	156.66
Stddev	.00207	.00077	1.03	.00377	.00018	.0057	2.35
%RSD	1.1441	.38449	.37198	.77928	.07857	.42931	1.5031

#1	.17955	.20136	276.94	.48044	.23004	1.3222	154.25
#2	.18089	.20035	275.64	.48227	.23001	1.3132	158.95
#3	.18362	.20187	277.67	.48769	.23034	1.3237	156.80

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2388	102.26	.59212	.06745	3.8246	.45274	2.0720
Stddev	.0052	.61	.00106	.00102	.0337	.00389	.0178
%RSD	.12364	.59980	.17982	1.5181	.88107	.85962	.86015

#1	4.2355	102.70	.59314	.06632	3.8517	.45103	2.0547
#2	4.2448	101.56	.59102	.06832	3.7869	.45000	2.0903
#3	4.2360	102.53	.59222	.06771	3.8353	.45720	2.0710

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.635	.36110	.41343	9.5099	4.5961	.78032	1.3671
Stddev	.102	.00155	.00698	.0175	.0389	.00293	.0009
%RSD	.65249	.42794	1.6873	.18449	.84742	.37562	.06409

#1	15.750	.35977	.40771	9.5213	4.6337	.78013	1.3679
#2	15.555	.36073	.42120	9.4897	4.5559	.77748	1.3673
#3	15.599	.36279	.41138	9.5187	4.5987	.78334	1.3662

Sample Name: J6556-13A Acquired: 12/29/2018 17:16:36 Type: Unk
Method: P4-ICP2(v2688) 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	.25671	F 11.22	.32542	1.5124	F<.00000
Stddev	.00155	.05	.00340	.0691	.83713
%RSD	.60406	.4632	1.0451	4.5717	3.1365
#1	.25596	11.26	.32846	1.4340	-25.843
#2	.25849	11.16	.32175	1.5646	-27.517
#3	.25568	11.24	.32605	1.5387	-26.710
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3763.9	50890.	4997.3	92.345	3259.5
Stddev	8.5	348.	48.2	.921	7.1
%RSD	.22686	.68416	.96482	.99702	.21636
#1	3756.7	51169.	4944.1	93.161	3251.5
#2	3773.4	51003.	5038.1	91.347	3265.1
#3	3761.7	50500.	5009.7	92.528	3261.7

Sample Name: CCV05 Acquired: 12/29/2018 17:20:25 Type: Unk
Method: P4-ICP2(v2688) 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	5.1024	4.8435	4.9288	4.9514	5.0185	10.302	10.649	.24997
Stddev	.0130	.0092	.0109	.0100	.0188	.125	.119	.00172
%RSD	.25500	.18950	.22116	.20243	.37481	1.2153	1.1130	.69006
#1	5.1146	4.8443	4.9311	4.9612	5.0276	10.297	10.676	.25031
#2	5.1039	4.8522	4.9384	4.9516	5.0311	10.430	10.519	.25150
#3	5.0887	4.8339	4.9169	4.9412	4.9969	10.180	10.751	.24810
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4118	27.302	1.0499	2.4137	1.2551	4.8978	2.5352	26.262
Stddev	.0070	.151	.0045	.0076	.0027	.1700	.0117	.145
%RSD	.28947	.55325	.42347	.31375	.21670	3.4703	.46093	.55262
#1	2.4115	27.161	1.0547	2.4127	1.2578	5.0245	2.5360	26.125
#2	2.4190	27.285	1.0489	2.4217	1.2552	4.7046	2.5464	26.414
#3	2.4050	27.461	1.0460	2.4067	1.2523	4.9643	2.5231	26.248
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6337	1.3260	26.439	2.4301	2.6179	25.616	5.0358	5.0215
Stddev	.0065	.0021	.313	.0086	.1037	.275	.0120	.0256
%RSD	.24771	.15547	1.1850	.35344	3.9624	1.0724	.23735	.50933
#1	2.6326	1.3270	26.414	2.4326	2.7114	25.641	5.0406	4.9983
#2	2.6407	1.3274	26.139	2.4373	2.5063	25.329	5.0447	5.0173
#3	2.6278	1.3237	26.764	2.4206	2.6361	25.877	5.0222	5.0489
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7060	5.1481	4.8572	4.9032	5.1239	4.948	5.3946	F 4.0909
Stddev	.0147	.0519	.0168	.0111	.0535	.015	.0727	.1052
%RSD	.31218	1.0077	.34559	.22613	1.0448	.3056	1.3486	2.5705
#1	4.7061	5.1548	4.8477	4.8990	5.1335	4.939	5.3867	4.1636
#2	4.7207	5.0933	4.8766	4.8948	5.0663	4.966	5.3261	4.1388
#3	4.6913	5.1964	4.8474	4.9157	5.1720	4.940	5.4710	3.9703

Sample Name: CCV05 Acquired: 12/29/2018 17:20:25 Type: Unk
 Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.8455
Stddev	.3273
%RSD	11.502

#1	2.4675
#2	3.0334
#3	3.0354

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3347.6	44531.	4164.9	94.293	3531.9
Stddev	11.7	208.	39.8	3.799	12.6
%RSD	.34967	.46675	.95578	4.0285	.35731

#1	3339.0	44383.	4145.0	90.888	3528.3
#2	3342.9	44443.	4210.7	98.390	3521.5
#3	3360.9	44769.	4138.9	93.600	3545.9

Sample Name: CCB05 Acquired: 12/29/2018 17:32:25 Type: Unk
Method: P4-ICP2(v2688) 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	-.00054	.00089	.00128	-.00264	-.00150	-.00310	.00286	.00000
Stddev	.00008	.00081	.00033	.00265	.00023	.00312	.00017	.00007
%RSD	14.183	90.922	26.016	100.15	15.201	100.92	5.8180	2279.8
#1	-.00062	.00161	.00091	-.00551	-.00131	-.00010	.00271	-.00007
#2	-.00053	.00103	.00136	-.00030	-.00175	-.00634	.00304	.00001
#3	-.00046	.00002	.00157	-.00211	-.00143	-.00285	.00283	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.01389	-.00003	.00000	-.00023	.00568	.00018	-.01020
Stddev	.00006	.01210	.00016	.00010	.00045	.00384	.00005	.03094
%RSD	226.66	87.142	557.02	3518.8	192.25	67.512	26.005	303.43
#1	-.00002	.00636	-.00006	.00007	.00028	.00136	.00022	.00925
#2	.00003	.02784	.00014	-.00011	-.00053	.00867	.00018	-.04588
#3	-.00008	.00745	-.00017	.00004	-.00044	.00702	.00013	.00603
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00079	-.00028	-.04588	-.00040	-.00182	.01314	-.00029	.00114
Stddev	.00010	.00020	.00314	.00008	.00003	.02854	.00003	.00497
%RSD	12.979	71.435	6.8458	20.861	1.4208	217.22	10.637	434.28
#1	.00083	-.00034	-.04898	-.00048	-.00183	-.01889	-.00032	.00680
#2	.00067	-.00006	-.04270	-.00031	-.00180	.02243	-.00026	-.00252
#3	.00086	-.00044	-.04596	-.00041	-.00185	.03587	-.00030	-.00085
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00135	-.00253	.00371	-.00063	-.0019	-.00006	F 2.9631
Stddev	.00343	.00322	.00035	.00134	.00224	.0011	.00008	.0505
%RSD	5136.1	238.84	13.853	36.087	354.29	58.32	132.06	1.7055
#1	.00397	.00502	-.00228	.00508	-.00311	-.0010	-.00003	3.0214
#2	-.00246	-.00102	-.00238	.00365	.00127	-.0032	-.00016	2.9369
#3	-.00132	.00005	-.00293	.00240	-.00006	-.0016	.00000	2.9311

Sample Name: CCB05 Acquired: 12/29/2018 17:32:25 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .99350
Stddev	.48787
%RSD	49.106

#1	.53972
#2	.93131
#3	1.5095

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3521.8	47001.	4200.7	101.54	4049.0
Stddev	6.3	119.	8.9	1.51	2.2
%RSD	.18006	.25289	.21215	1.4891	.05413

#1	3515.9	46922.	4203.7	102.69	4047.2
#2	3528.5	46943.	4190.7	99.825	4048.4
#3	3520.9	47138.	4207.8	102.09	4051.5

Sample Name: J6556-16 Acquired: 12/29/2018 17:36:32 Type: Unk
Method: P4-ICP2(v2688) 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	.03016	-.01158	7.2503	.03374	.03265	59.061	.70327
Stddev	.00196	.00093	.0163	.00186	.00247	.106	.00374
%RSD	6.5069	8.0091	.22510	5.5091	7.5567	.17901	.53169

#1	.03121	-.01252	7.2578	.03316	.03467	58.946	.69966
#2	.03137	-.01067	7.2615	.03225	.02990	59.085	.70713
#3	.02789	-.01156	7.2316	.03582	.03337	59.153	.70303

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00660	.01017	1232.2	.35365	.02826	.50121	195.40
Stddev	.00007	.00044	7.2	.00452	.00024	.00403	4.63
%RSD	1.0795	4.3373	.58491	1.2768	.83599	.80474	2.3671

#1	.00654	.01008	1224.5	.34847	.02834	.49698	197.51
#2	.00659	.01065	1238.7	.35675	.02799	.50501	190.10
#3	.00668	.00978	1233.4	.35572	.02844	.50162	198.60

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6033	653.02	.13627	-.00392	1.9696	.18539	2.0751
Stddev	.0159	4.44	.00141	.00115	.0198	.00045	.0574
%RSD	.34604	.67995	1.0377	29.313	1.0025	.24226	2.7656

#1	4.6184	648.63	.13502	-.00377	1.9525	.18514	2.0977
#2	4.5866	657.51	.13600	-.00514	1.9912	.18591	2.0098
#3	4.6048	652.91	.13781	-.00286	1.9651	.18513	2.1177

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3786	.01160	.18971	8.0405	4.8374	.05532	.93628
Stddev	.0716	.00025	.01197	.0102	.0353	.00069	.00418
%RSD	1.3311	2.1165	6.3119	.12692	.72904	1.2470	.44656

#1	5.2982	.01157	.19832	8.0336	4.7997	.05469	.93451
#2	5.4020	.01186	.17603	8.0522	4.8696	.05523	.93328
#3	5.4355	.01137	.19476	8.0357	4.8430	.05606	.94106

Sample Name: J6556-16 Acquired: 12/29/2018 17:36:32 Type: Unk
 Method: P4-ICP2(v2688) 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	.08168	7.622	.27871	3.1867	F<.00000
Stddev	.00117	.018	.00572	.0534	.68496
%RSD	1.4381	.2309	2.0523	1.6769	3.0279
#1	.08223	7.603	.27465	3.2036	-21.978
#2	.08033	7.627	.28525	3.2297	-23.341
#3	.08247	7.637	.27623	3.1269	-22.547
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3259.6	44131.	4668.3	82.206	2684.7
Stddev	8.7	108.	17.8	2.249	7.6
%RSD	.26714	.24362	.38034	2.7356	.28374
#1	3268.6	44209.	4688.6	81.228	2681.9
#2	3251.2	44176.	4660.1	84.778	2678.9
#3	3259.0	44008.	4656.1	80.612	2693.3

Sample Name: J6556-17 Acquired: 12/29/2018 17:40:38 Type: Unk
Method: P4-ICP2(v2688) 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	.02596	-.01135	5.5382	.00630	.01786	31.447	.45403	.00499
Stddev	.00174	.00236	.0164	.00485	.00108	.341	.00173	.00014
%RSD	6.6934	20.765	.29579	77.012	6.0448	1.0854	.38058	2.7299
#1	.02541	-.01100	5.5513	.00469	.01911	31.106	.45538	.00486
#2	.02791	-.01387	5.5435	.00246	.01723	31.444	.45462	.00497
#3	.02457	-.00919	5.5199	.01175	.01724	31.789	.45208	.00513
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00591	F 2597.2	.04102	.02357	.24585	90.207	5.3418	1458.4
Stddev	.00013	5.1	.00072	.00030	.00093	.531	.0429	6.7
%RSD	2.1709	.19687	1.7631	1.2540	.37794	.58857	.80274	.46072
#1	.00587	2602.5	.04029	.02363	.24588	90.488	5.2982	1461.4
#2	.00581	2596.8	.04104	.02382	.24677	89.594	5.3432	1463.2
#3	.00605	2592.2	.04174	.02324	.24491	90.538	5.3839	1450.7
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03052	-.00319	2.0626	.08888	.79132	3.1982	.00378	.08239
Stddev	.00018	.00007	.0113	.00027	.00498	.0384	.00029	.01066
%RSD	.59445	2.1532	.54725	.29969	.62880	1.2011	7.5925	12.939
#1	.03031	-.00316	2.0710	.08860	.79640	3.1838	.00397	.07564
#2	.03059	-.00327	2.0670	.08913	.78646	3.2418	.00391	.07686
#3	.03066	-.00314	2.0498	.08891	.79111	3.1691	.00345	.09468
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3917	4.8586	.02167	.35714	.13264	2.977	.55032	5.3685
Stddev	.0072	.0330	.00150	.00378	.00107	.017	.00509	.1687
%RSD	.30221	.67932	6.9347	1.0593	.81014	.5557	.92527	3.1429
#1	2.3986	4.8619	.02150	.35375	.13387	2.993	.55191	5.2434
#2	2.3923	4.8899	.02325	.36122	.13218	2.978	.55442	5.3017
#3	2.3842	4.8241	.02026	.35644	.13188	2.960	.54462	5.5604

Sample Name: J6556-17 Acquired: 12/29/2018 17:40:38 Type: Unk
 Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	24.832
Stddev	.502
%RSD	2.0200

#1	24.261
#2	25.203
#3	25.031

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2950.5	40635.	4423.4	76.942	2382.7
Stddev	11.3	372.	35.4	.556	6.6
%RSD	.38142	.91480	.80037	.72290	.27590

#1	2951.0	40980.	4400.6	76.451	2375.7
#2	2939.1	40684.	4405.6	77.546	2383.6
#3	2961.6	40241.	4464.2	76.828	2388.7

Sample Name: J6556-18 Acquired: 12/29/2018 17:44:48 Type: Unk
Method: P4-ICP2(v2688) 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	.09562	-.00715	47.450	.01835	.09810	63.040	.53301
Stddev	.00192	.00150	.021	.00170	.00294	.342	.00457
%RSD	2.0049	21.003	.04463	9.2561	3.0004	.54289	.85738

#1	.09684	-.00705	47.441	.01994	.09933	62.649	.52923
#2	.09341	-.00570	47.435	.01656	.09474	63.184	.53170
#3	.09662	-.00869	47.474	.01853	.10022	63.287	.53809

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00352	.01483	688.08	.27928	.02927	2.0645	119.36
Stddev	.00010	.00038	5.12	.00125	.00001	.0095	2.53
%RSD	2.9357	2.5871	.74456	.44585	.02492	.45984	2.1230

#1	.00356	.01525	683.16	.27994	.02926	2.0696	116.49
#2	.00341	.01450	687.70	.27785	.02927	2.0535	121.29
#3	.00360	.01474	693.38	.28007	.02927	2.0703	120.30

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7820	359.31	.16959	-.00009	.79555	.13389	1.6718
Stddev	.0053	3.22	.00035	.00020	.00547	.00042	.0290
%RSD	.19186	.89750	.20487	210.77	.68772	.31356	1.7365

#1	2.7830	356.36	.16991	-.00022	.78933	.13434	1.6392
#2	2.7763	358.84	.16923	.00013	.79765	.13351	1.6948
#3	2.7868	362.75	.16964	-.00019	.79965	.13383	1.6814

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6988	.01267	.09335	7.1554	1.9571	.94553	.41188
Stddev	.0394	.00026	.00439	.0215	.0046	.00247	.00216
%RSD	1.4590	2.0852	4.7021	.29983	.23770	.26161	.52416

#1	2.6688	.01290	.09014	7.1450	1.9522	.94537	.40945
#2	2.6842	.01238	.09157	7.1411	1.9576	.94313	.41259
#3	2.7434	.01272	.09835	7.1801	1.9614	.94807	.41359

Sample Name: J6556-18 Acquired: 12/29/2018 17:44:48 Type: Unk
Method: P4-ICP2(v2688) 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	.06350	6.227	.19960	4.0610	F<.00000
Stddev	.00034	.011	.00157	.0798	.09027
%RSD	.54077	.1831	.78588	1.9641	1.8607

#1	.06390	6.222	.20071	4.1484	-4.9109
#2	.06330	6.220	.19781	4.0424	-4.7473
#3	.06331	6.240	.20028	3.9921	-4.8952

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3185.3	42683.	4327.6	86.888	2963.5
Stddev	9.3	60.	20.1	1.310	8.3
%RSD	.29192	.14065	.46371	1.5075	.27906

#1	3177.0	42635.	4338.1	88.307	2954.6
#2	3195.4	42751.	4340.3	85.725	2965.0
#3	3183.6	42665.	4304.5	86.632	2970.9

Sample Name: J6552-01 Acquired: 12/29/2018 17:48:37 Type: Unk
Method: P4-ICP2(v2688) 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	.04132	-.00850	223.64	.09170	8.8915	40.749	.45559	.00443
Stddev	.00248	.00161	.69	.00591	.0567	.209	.00320	.00013
%RSD	6.0007	18.946	.30851	6.4426	.63807	.51345	.70205	2.8233

#1	.04191	-.01035	223.56	.09138	8.9553	40.544	.45692	.00433
#2	.04345	-.00740	224.37	.09776	8.8728	40.741	.45792	.00440
#3	.03860	-.00775	222.99	.08596	8.8466	40.962	.45195	.00457

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00124	17.369	1.2314	.14945	117.59	545.75	5.0785	8.4238
Stddev	.00140	.086	.0040	.00075	1.13	14.58	.0070	.0313
%RSD	113.18	.49742	.32627	.49903	.96120	2.6721	.13736	.37182

#1	-.00147	17.425	1.2279	.14994	118.84	549.11	5.0865	8.4592
#2	-.00251	17.412	1.2305	.14981	117.27	558.36	5.0745	8.3996
#3	.00026	17.270	1.2358	.14859	116.65	529.78	5.0744	8.4128

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3383	.02958	.22589	.34831	6.3622	2.4964	.16671	.37320
Stddev	.0063	.00189	.00434	.00316	.1761	.0133	.00146	.02221
%RSD	.47062	6.3955	1.9199	.90621	2.7678	.53140	.87290	5.9521

#1	1.3436	.02951	.22731	.35162	6.4260	2.4831	.16830	.38075
#2	1.3401	.03150	.22934	.34533	6.4975	2.5097	.16544	.39066
#3	1.3313	.02772	.22102	.34800	6.1631	2.4964	.16638	.34820

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3809	2.0700	8.7646	2.1859	.02716	5.028	-.51566	<.00000
Stddev	.0294	.0318	.0488	.0052	.00052	.019	.01617	.15280
%RSD	.54550	1.5337	.55716	.23640	1.9202	.3800	3.1359	213.67

#1	5.4060	2.1052	8.8161	2.1853	.02663	5.045	-.51925	-.24603
#2	5.3880	2.0613	8.7586	2.1811	.02717	5.032	-.52974	-.00672
#3	5.3486	2.0436	8.7190	2.1914	.02767	5.007	-.49800	.03822

Sample Name: J6552-01 Acquired: 12/29/2018 17:48:37 Type: Unk
 Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg ^ *****
 Stddev -----
 %RSD -----

#1 ^ -----
 #2 ^ -----
 #3 ^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3427.9	46963.	4431.7	93.003	3489.5
Stddev	20.8	53.	36.7	2.652	21.2
%RSD	.60675	.11329	.82867	2.8519	.60687

#1	3405.0	47004.	4401.2	92.032	3473.5
#2	3433.4	46982.	4421.5	90.974	3481.5
#3	3445.5	46903.	4472.5	96.005	3513.5

Sample Name: J6552-02 Acquired: 12/29/2018 17:52:46 Type: Unk
Method: P4-ICP2(v2688) 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	.07424	-.00170	18.467	.02507	.54864	50.034	.35102
Stddev	.00110	.00084	.219	.00137	.00773	.249	.00235
%RSD	1.4866	49.139	1.1860	5.4485	1.4094	.49676	.66971

#1	.07302	-.00157	18.217	.02662	.53987	50.321	.34894
#2	.07454	-.00094	18.626	.02403	.55449	49.898	.35357
#3	.07517	-.00260	18.558	.02457	.55155	49.884	.35055

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00467	-.00113	4.5855	.15197	.02595	4.5455	138.21
Stddev	.00009	.00014	.0533	.00169	.00039	.0511	1.60
%RSD	2.0198	12.718	1.1628	1.1089	1.5144	1.1246	1.1574

#1	.00470	-.00118	4.5418	.15389	.02552	4.4877	136.53
#2	.00474	-.00124	4.6449	.15074	.02628	4.5848	139.71
#3	.00456	-.00097	4.5697	.15128	.02606	4.5640	138.40

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3151	6.5244	.11715	-.00182	.02691	.16296	.77657
Stddev	.0145	.0580	.00135	.00062	.00538	.00223	.01129
%RSD	.62769	.88951	1.1542	34.258	19.977	1.3659	1.4538

#1	2.3319	6.4574	.11559	-.00248	.02271	.16543	.76607
#2	2.3075	6.5597	.11787	-.00124	.02504	.16236	.78851
#3	2.3059	6.5561	.11800	-.00173	.03297	.16110	.77514

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4274	.02992	.08778	1.2987	1.8766	.30473	.79990
Stddev	.0206	.00025	.00123	.0176	.0159	.00409	.00536
%RSD	.84734	.83366	1.3958	1.3592	.84591	1.3416	.67016

#1	2.4037	.02963	.08836	1.2784	1.8717	.30009	.79524
#2	2.4373	.03005	.08861	1.3072	1.8944	.30781	.79870
#3	2.4411	.03008	.08638	1.3105	1.8638	.30629	.80576

Sample Name: J6552-02 Acquired: 12/29/2018 17:52:46 Type: Unk
 Method: P4-ICP2(v2688) 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	.03656	8.185	-.12288	1.8288	F<.00000
Stddev	.00169	.104	.00144	.0721	.40829
%RSD	4.6104	1.272	1.1689	3.9422	1.8350
#1	.03487	8.065	-.12141	1.7791	-22.084
#2	.03656	8.250	-.12427	1.9114	-21.951
#3	.03824	8.239	-.12297	1.7957	-22.715
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3708.2	49191.	4563.7	100.63	3844.3
Stddev	31.3	323.	41.7	1.25	35.5
%RSD	.84525	.65575	.91423	1.2399	.92251
#1	3741.4	48829.	4592.4	101.60	3882.3
#2	3679.1	49292.	4515.8	99.223	3812.1
#3	3704.0	49450.	4582.7	101.08	3838.5

Sample Name: J6552-03 Acquired: 12/29/2018 17:56:38 Type: Unk
Method: P4-ICP2(v2688) 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	.05267	-.00097	.46039	.01140	.00886	51.562	.33456
Stddev	.00080	.00143	.00428	.00179	.00118	.408	.00211
%RSD	1.5159	146.93	.93049	15.675	13.303	.79130	.63077

#1	.05179	-.00178	.46532	.00976	.00816	51.229	.33400
#2	.05335	.00068	.45824	.01331	.00819	51.441	.33689
#3	.05287	-.00183	.45760	.01115	.01022	52.017	.33278

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00427	-.00099	1.5452	.07575	.02070	.19470	69.423
Stddev	.00009	.00021	.0095	.00114	.00030	.00213	1.720
%RSD	2.0829	21.507	.61337	1.5023	1.4645	1.0933	2.4778

#1	.00422	-.00084	1.5467	.07528	.02057	.19711	68.414
#2	.00421	-.00123	1.5350	.07492	.02104	.19308	71.409
#3	.00437	-.00089	1.5538	.07705	.02047	.19391	68.446

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9912	6.0271	.04817	-.00307	.00318	.09965	.29452
Stddev	.0167	.0427	.00060	.00066	.01005	.00104	.00684
%RSD	.83658	.70849	1.2480	21.397	315.63	1.0399	2.3211

#1	1.9800	5.9787	.04885	-.00333	-.00236	.09926	.29061
#2	1.9834	6.0595	.04775	-.00232	.01478	.09886	.30242
#3	2.0104	6.0431	.04790	-.00355	-.00287	.10082	.29054

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3276	.00264	.04102	.68047	1.2736	.00758	.31996
Stddev	.0346	.00025	.00299	.00401	.0113	.00014	.00326
%RSD	1.4881	9.3888	7.3000	.58907	.88861	1.8748	1.0193

#1	2.3261	.00291	.04280	.68502	1.2605	.00771	.31694
#2	2.3630	.00257	.04269	.67894	1.2804	.00743	.31952
#3	2.2937	.00243	.03756	.67745	1.2798	.00759	.32342

Sample Name: J6552-03 Acquired: 12/29/2018 17:56:38 Type: Unk
Method: P4-ICP2(v2688) 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	.03903	6.823	-.05712	2.0997	F<.00000
Stddev	.00117	.037	.00187	.0852	.23427
%RSD	2.9929	.5498	3.2755	4.0552	7.3115
#1	.03768	6.867	-.05601	2.0497	-2.9573
#2	.03962	6.802	-.05928	2.1980	-3.4234
#3	.03978	6.802	-.05608	2.0514	-3.2317
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3750.4	49590.	4600.6	101.00	3881.4
Stddev	12.9	322.	24.4	2.35	16.5
%RSD	.34451	.64849	.52976	2.3256	.42471
#1	3735.7	49846.	4617.0	102.44	3862.4
#2	3755.3	49695.	4572.6	98.286	3890.5
#3	3760.1	49229.	4612.2	102.26	3891.4

Sample Name: J6552-04 Acquired: 12/29/2018 18:00:36 Type: Unk
Method: P4-ICP2(v2688) 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	.05829	-.00122	.61869	.01463	.00834	56.172	.39687
Stddev	.00074	.00088	.00763	.00143	.00041	.547	.00233
%RSD	1.2650	72.269	1.2338	9.7784	4.9471	.97352	.58777

#1	.05775	-.00218	.62659	.01622	.00881	56.803	.39932
#2	.05913	-.00045	.61813	.01420	.00818	55.873	.39468
#3	.05799	-.00103	.61136	.01346	.00802	55.840	.39661

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00561	-.00132	5.6403	.08547	.02306	.07751	81.184
Stddev	.00006	.00018	.0327	.00111	.00021	.00099	1.476
%RSD	1.0224	13.935	.58048	1.2940	.89206	1.2775	1.8177

#1	.00560	-.00111	5.6411	.08673	.02321	.07829	79.686
#2	.00567	-.00146	5.6072	.08504	.02315	.07786	82.636
#3	.00555	-.00138	5.6727	.08465	.02283	.07640	81.231

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7663	7.0922	.05074	-.00314	.03071	.14221	.29508
Stddev	.0284	.0291	.00024	.00054	.00477	.00214	.00630
%RSD	1.0256	.41098	.47791	17.278	15.538	1.5064	2.1350

#1	2.7991	7.1202	.05075	-.00375	.02740	.14462	.28836
#2	2.7500	7.0620	.05097	-.00294	.02855	.14149	.30085
#3	2.7499	7.0944	.05049	-.00272	.03618	.14053	.29603

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9184	.00394	.05361	1.1847	1.4538	.01293	.35495
Stddev	.0307	.00018	.00632	.0030	.0055	.00046	.00313
%RSD	1.0521	4.5569	11.784	.25593	.38094	3.5694	.88110

#1	2.9537	.00409	.05125	1.1873	1.4550	.01258	.35226
#2	2.8980	.00374	.06077	1.1814	1.4587	.01345	.35422
#3	2.9035	.00399	.04881	1.1854	1.4478	.01276	.35838

Sample Name: J6552-04 Acquired: 12/29/2018 18:00:36 Type: Unk
Method: P4-ICP2(v2688) 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	.04189	8.776	-.05168	2.1277	F<.00000
Stddev	.00205	.062	.00152	.2208	.03968
%RSD	4.8875	.7096	2.9472	10.375	.66599
#1	.04130	8.847	-.05013	2.3770	-5.9937
#2	.04020	8.750	-.05317	1.9570	-5.9632
#3	.04416	8.730	-.05175	2.0490	-5.9150
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3770.7	49867.	4629.0	100.76	3875.0
Stddev	27.7	509.	20.9	1.91	29.4
%RSD	.73568	1.0205	.45204	1.8940	.75894
#1	3765.1	49281.	4622.2	102.83	3843.2
#2	3746.2	50205.	4652.5	99.078	3880.7
#3	3800.8	50113.	4612.4	100.37	3901.2

Sample Name: J6552-05 Acquired: 12/29/2018 18:04:32 Type: Unk
Method: P4-ICP2(v2688) 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	.04196	-.00180	.39452	.01319	.00587	57.666	.32857
Stddev	.00281	.00020	.00491	.00234	.00046	.303	.00292
%RSD	6.7058	10.907	1.2449	17.721	7.7962	.52478	.88761

#1	.04520	-.00197	.39835	.01123	.00639	57.766	.32897
#2	.04041	-.00159	.39622	.01257	.00552	57.907	.33127
#3	.04025	-.00184	.38898	.01578	.00570	57.327	.32547

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00496	-.00156	1.7447	.08034	.02299	.06615	79.296
Stddev	.00014	.00009	.0113	.00093	.00033	.00074	1.393
%RSD	2.7681	5.5691	.64945	1.1589	1.4211	1.1147	1.7565

#1	.00486	-.00147	1.7353	.07998	.02336	.06698	78.316
#2	.00511	-.00164	1.7573	.08139	.02281	.06555	80.891
#3	.00490	-.00156	1.7416	.07963	.02279	.06593	78.682

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9517	6.6162	.05206	-.00323	.00389	.11193	.25276
Stddev	.0098	.0612	.00033	.00035	.00455	.00079	.00559
%RSD	.33315	.92446	.63891	10.796	116.76	.71019	2.2132

#1	2.9424	6.5762	.05211	-.00314	.00517	.11132	.24873
#2	2.9620	6.6866	.05237	-.00362	.00767	.11283	.25914
#3	2.9507	6.5857	.05171	-.00294	-.00115	.11165	.25039

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3020	.00311	.05032	.95607	1.4689	.00653	.33196
Stddev	.0227	.00042	.00792	.00784	.0228	.00058	.00262
%RSD	.98726	13.485	15.747	.81950	1.5550	8.8148	.78951

#1	2.3221	.00355	.04868	.96145	1.4547	.00623	.33084
#2	2.3066	.00271	.05893	.95969	1.4952	.00719	.33496
#3	2.2773	.00307	.04333	.94708	1.4567	.00615	.33009

Sample Name: J6552-05 Acquired: 12/29/2018 18:04:32 Type: Unk
Method: P4-ICP2(v2688) 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	.04326	6.217	-.06531	1.9187	F<.00000
Stddev	.00041	.046	.00128	.0434	.44966
%RSD	.95514	.7411	1.9552	2.2621	8.4160

#1	.04308	6.257	-.06432	1.9668	-5.0147
#2	.04373	6.225	-.06675	1.9070	-5.8554
#3	.04297	6.167	-.06487	1.8824	-5.1586

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3761.8	50325.	4618.6	100.16	3830.3
Stddev	17.7	108.	45.6	1.96	16.6
%RSD	.47122	.21546	.98801	1.9554	.43305

#1	3741.5	50346.	4653.8	101.89	3813.4
#2	3770.5	50208.	4567.1	98.037	3830.9
#3	3773.6	50422.	4634.9	100.56	3846.6

Sample Name: J6552-06 Acquired: 12/29/2018 18:08:31 Type: Unk
Method: P4-ICP2(v2688) 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	.03851	-.00183	.43765	.01208	.00889	55.961	.34169
Stddev	.00040	.00030	.00233	.00156	.00134	.289	.00206
%RSD	1.0374	16.255	.53210	12.916	15.105	.51650	.60287

#1	.03897	-.00149	.44011	.01355	.00988	55.698	.34292
#2	.03832	-.00193	.43736	.01226	.00736	56.270	.33932
#3	.03824	-.00206	.43548	.01044	.00943	55.914	.34284

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00448	-.00133	5.1600	.07422	.02310	.07634	74.942
Stddev	.00009	.00008	.0248	.00021	.00028	.00086	.359
%RSD	2.0155	6.3389	.48060	.27621	1.2017	1.1248	.47847

#1	.00437	-.00129	5.1712	.07408	.02337	.07587	75.211
#2	.00454	-.00127	5.1316	.07413	.02311	.07733	74.535
#3	.00452	-.00142	5.1773	.07446	.02282	.07582	75.081

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2901	7.0796	.05527	-.00287	.01515	.13168	.27998
Stddev	.0026	.0679	.00054	.00037	.01539	.00087	.00273
%RSD	.07892	.95976	.98240	12.717	101.53	.66202	.97449

#1	3.2874	7.1374	.05525	-.00284	.03211	.13077	.28219
#2	3.2925	7.0966	.05583	-.00325	.01128	.13177	.27693
#3	3.2905	7.0047	.05474	-.00252	.00208	.13251	.28083

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6497	.00297	.04404	.93612	1.3500	.00696	.31331
Stddev	.0347	.00015	.00385	.00070	.0128	.00013	.00116
%RSD	1.3107	4.9899	8.7390	.07454	.94573	1.9128	.37020

#1	2.6121	.00299	.04117	.93653	1.3586	.00687	.31421
#2	2.6565	.00281	.04253	.93531	1.3354	.00711	.31200
#3	2.6805	.00310	.04841	.93651	1.3561	.00689	.31373

Sample Name: J6552-06 Acquired: 12/29/2018 18:08:31 Type: Unk
 Method: P4-ICP2(v2688) 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	.04466	3.898	-.04831	2.1294	F<.00000
Stddev	.00073	.011	.00021	.1173	.09587
%RSD	1.6308	.2780	.43357	5.5076	2.6609
#1	.04382	3.910	-.04848	2.1741	-3.5171
#2	.04498	3.896	-.04807	2.2179	-3.5855
#3	.04516	3.889	-.04837	1.9964	-3.7064
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3708.2	49665.	4570.5	100.13	3825.1
Stddev	16.7	91.	39.9	.72	11.7
%RSD	.44947	.18334	.87288	.71952	.30514
#1	3698.3	49728.	4540.8	99.581	3811.6
#2	3698.8	49561.	4615.9	100.95	3832.2
#3	3727.4	49708.	4555.0	99.870	3831.4

Sample Name: J6552-07 Acquired: 12/29/2018 18:12:28 Type: Unk
Method: P4-ICP2(v2688) 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	.04992	-.00264	2.0938	.01576	.03740	44.657	.54324
Stddev	.00148	.00059	.0046	.00115	.00155	.380	.00278
%RSD	2.9554	22.385	.21828	7.2858	4.1497	.85007	.51122

#1	.04824	-.00197	2.0887	.01460	.03791	44.322	.54006
#2	.05051	-.00286	2.0973	.01690	.03862	45.069	.54520
#3	.05101	-.00309	2.0956	.01579	.03565	44.580	.54446

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00394	.00184	54.466	.10596	.02225	.22781	73.793
Stddev	.00003	.00029	.454	.00041	.00016	.00163	2.344
%RSD	.66877	15.670	.83384	.38641	.73332	.71442	3.1768

#1	.00395	.00214	54.054	.10568	.02237	.22962	71.139
#2	.00396	.00156	54.953	.10643	.02231	.22646	75.584
#3	.00391	.00184	54.391	.10577	.02206	.22735	74.655

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3927	12.504	.08955	-.00227	.10981	.24205	.91555
Stddev	.0074	.040	.00005	.00039	.00148	.00070	.02485
%RSD	.21879	.32249	.05042	17.222	1.3501	.28794	2.7141

#1	3.3929	12.500	.08954	-.00267	.11152	.24208	.88826
#2	3.4001	12.546	.08951	-.00224	.10902	.24274	.93685
#3	3.3852	12.466	.08959	-.00189	.10888	.24134	.92155

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1632	.00771	.07837	5.2825	2.4856	.03210	.47717
Stddev	.0312	.00020	.00257	.0133	.0100	.00067	.00355
%RSD	.98664	2.6043	3.2838	.25209	.40304	2.0843	.74395

#1	3.1881	.00758	.07944	5.2764	2.4949	.03254	.47396
#2	3.1734	.00761	.07543	5.2732	2.4868	.03243	.48098
#3	3.1282	.00794	.08023	5.2977	2.4750	.03133	.47656

Sample Name: J6552-07 Acquired: 12/29/2018 18:12:28 Type: Unk
Method: P4-ICP2(v2688) 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	.03210	5.968	.11230	2.0583	F<.00000
Stddev	.00078	.008	.00131	.1048	.38848
%RSD	2.4177	.1288	1.1700	5.0931	13.156

#1	.03220	5.960	.11339	1.9373	-3.1331
#2	.03282	5.976	.11267	2.1224	-3.2186
#3	.03127	5.968	.11084	2.1152	-2.5071

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3704.9	49980.	4695.7	102.39	3779.6
Stddev	2.5	297.	27.2	2.92	10.2
%RSD	.06876	.59355	.57997	2.8505	.27114

#1	3702.2	50091.	4703.6	105.61	3791.3
#2	3705.5	49644.	4665.4	99.914	3772.6
#3	3707.2	50206.	4718.1	101.64	3774.7

Sample Name: CCV06 Acquired: 12/29/2018 18:16:23 Type: Unk
Method: P4-ICP2(v2688) 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	5.1094	4.8727	4.9351	4.9743	5.0282	10.207	10.607	.24925
Stddev	.0043	.0210	.0214	.0169	.0067	.040	.214	.00058
%RSD	.08425	.43016	.43424	.33923	.13411	.38884	2.0153	.23143
#1	5.1048	4.8506	4.9161	4.9812	5.0309	10.243	10.377	.24989
#2	5.1101	4.8923	4.9583	4.9866	5.0332	10.215	10.800	.24878
#3	5.1134	4.8752	4.9310	4.9551	5.0206	10.165	10.642	.24907
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4298	26.876	1.0513	2.4276	1.2591	4.7051	2.5345	25.772
Stddev	.0096	.485	.0004	.0087	.0025	.0518	.0044	.420
%RSD	.39556	1.8053	.04102	.35764	.19981	1.1001	.17374	1.6289
#1	2.4217	26.448	1.0517	2.4198	1.2571	4.6711	2.5391	25.288
#2	2.4404	27.403	1.0514	2.4370	1.2619	4.7646	2.5340	26.037
#3	2.4272	26.777	1.0509	2.4262	1.2582	4.6795	2.5303	25.990
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6552	1.3193	26.495	2.4408	2.5100	25.497	5.0461	4.9948
Stddev	.0095	.0018	.538	.0034	.0476	.472	.0079	.0797
%RSD	.35919	.13316	2.0298	.13773	1.8972	1.8506	.15604	1.5958
#1	2.6479	1.3213	25.902	2.4440	2.4747	24.988	5.0410	4.9029
#2	2.6660	1.3183	26.950	2.4412	2.5641	25.919	5.0552	5.0460
#3	2.6518	1.3182	26.635	2.4373	2.4911	25.586	5.0422	5.0354
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7400	5.1361	4.8781	4.8556	5.1299	4.997	5.3419	F 3.9771
Stddev	.0166	.0875	.0216	.0860	.1012	.022	.1121	.0399
%RSD	.34943	1.7034	.44274	1.7714	1.9722	.4326	2.0990	1.0026
#1	4.7317	5.0417	4.8583	4.7564	5.0216	4.991	5.2295	4.0179
#2	4.7591	5.2145	4.9012	4.9100	5.2219	5.021	5.4538	3.9751
#3	4.7292	5.1519	4.8749	4.9003	5.1463	4.980	5.3424	3.9382

Sample Name: CCV06 Acquired: 12/29/2018 18:16:23 Type: Unk
 Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.5805
 Stddev .4081
 %RSD 15.813

#1 2.1684
 #2 2.5889
 #3 2.9843

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3344.0	44607.	4189.5	97.440	3512.2
Stddev	2.1	127.	74.7	1.743	9.7
%RSD	.06146	.28410	1.7819	1.7889	.27555

#1	3345.8	44608.	4264.0	98.762	3519.4
#2	3341.8	44480.	4114.7	95.465	3501.2
#3	3344.5	44734.	4190.0	98.094	3516.0

Sample Name: CCB06 Acquired: 12/29/2018 18:28:19 Type: Unk
Method: P4-ICP2(v2688) 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	-.00060	-.00007	.00290	-.00185	-.00052	-.00324	.00344	.00002
Stddev	.00102	.00063	.00069	.00143	.00098	.00717	.00040	.00002
%RSD	169.49	945.74	23.794	77.239	188.37	221.36	11.731	136.98
#1	-.00162	.00064	.00363	-.00021	.00043	.00025	.00339	.00004
#2	-.00060	-.00055	.00280	-.00253	-.00047	.00151	.00307	-.00001
#3	.00042	-.00028	.00226	-.00282	-.00153	-.01149	.00387	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00244	.00018	.00001	-.00046	.01002	.00032	.00991
Stddev	.00007	.00611	.00007	.00009	.00024	.00852	.00005	.01942
%RSD	1234.6	249.79	42.770	1008.2	52.027	84.972	15.149	196.02
#1	-.00006	.00937	.00012	-.00004	-.00038	.01970	.00035	.00040
#2	.00007	.00013	.00026	-.00005	-.00026	.00667	.00034	-.00292
#3	.00000	-.00217	.00015	.00012	-.00072	.00370	.00026	.03225
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00062	-.00064	-.03937	-.00027	-.00179	-.03324	-.00015	-.00898
Stddev	.00016	.00058	.00745	.00032	.00008	.05452	.00009	.00726
%RSD	26.568	90.327	18.930	118.56	4.2300	164.04	60.709	80.781
#1	.00057	-.00008	-.04359	-.00059	-.00176	.01939	-.00005	-.00620
#2	.00048	-.00124	-.04376	-.00028	-.00188	-.08947	-.00022	-.00353
#3	.00080	-.00060	-.03077	.00006	-.00174	-.02963	-.00019	-.01722
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00052	.00070	-.00245	.00512	.00042	-.0018	-.00002	F 2.9813
Stddev	.00144	.00151	.00004	.00068	.00180	.0009	.00009	.1070
%RSD	279.69	214.77	1.5257	13.277	431.23	50.42	442.01	3.5892
#1	-.00054	.00115	-.00248	.00441	-.00104	-.0025	-.00012	2.8577
#2	-.00007	.00194	-.00241	.00519	-.00014	-.0008	.00001	3.0413
#3	.00216	-.00098	-.00245	.00576	.00243	-.0021	.00005	3.0448

Sample Name: CCB06 Acquired: 12/29/2018 18:28:19 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .70753
Stddev	.28847
%RSD	40.771

#1	.90279
#2	.37619
#3	.84360

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3523.3	46997.	4177.8	101.39	4047.2
Stddev	18.9	114.	23.0	1.05	14.3
%RSD	.53608	.24229	.55082	1.0346	.35278

#1	3506.0	46960.	4156.1	100.18	4031.3
#2	3520.4	47124.	4175.3	102.01	4051.1
#3	3543.4	46906.	4201.9	101.98	4059.0

Sample Name: J6552-08 Acquired: 12/29/2018 18:32:27 Type: Unk
Method: P4-ICP2(v2688) 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	.03836	-.00070	.86957	.01011	.01182	42.993	.27799
Stddev	.00224	.00066	.00494	.00276	.00087	1.281	.00412
%RSD	5.8499	94.709	.56845	27.301	7.3420	2.9788	1.4831

#1	.03626	-.00085	.87187	.00717	.01206	42.054	.27687
#2	.04072	.00002	.87294	.01053	.01086	44.452	.28256
#3	.03809	-.00128	.86389	.01264	.01254	42.473	.27454

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00335	-.00132	5.8520	.08907	.01663	.06882	69.790
Stddev	.00006	.00010	.0565	.00385	.00019	.00072	.243
%RSD	1.9118	7.5354	.96500	4.3270	1.1211	1.0416	.34824

#1	.00335	-.00132	5.8112	.08646	.01664	.06881	69.629
#2	.00342	-.00122	5.9165	.09350	.01681	.06954	69.671
#3	.00329	-.00142	5.8284	.08726	.01644	.06810	70.070

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4405	6.4353	.04593	-.00338	.01481	.13212	.23529
Stddev	.0480	.1276	.00042	.00062	.01189	.00480	.00084
%RSD	3.3291	1.9826	.91979	18.437	80.297	3.6329	.35779

#1	1.4087	6.3537	.04559	-.00281	.00135	.12974	.23536
#2	1.4956	6.5823	.04640	-.00405	.01917	.13764	.23441
#3	1.4170	6.3698	.04579	-.00328	.02390	.12897	.23609

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2409	.00360	.04108	1.0920	1.1244	.00920	.31233
Stddev	.0310	.00008	.00112	.0032	.0193	.00061	.00687
%RSD	1.3826	2.2258	2.7177	.29013	1.7137	6.6512	2.1982

#1	2.2427	.00367	.04221	1.0946	1.1180	.00938	.30913
#2	2.2710	.00351	.04104	1.0930	1.1460	.00970	.32021
#3	2.2091	.00361	.03998	1.0885	1.1091	.00852	.30765

Sample Name: J6552-08 Acquired: 12/29/2018 18:32:27 Type: Unk
Method: P4-ICP2(v2688) 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	.03375	4.721	-.03867	2.4053	F<.00000
Stddev	.00092	.024	.00067	.2825	.34806
%RSD	2.7169	.4979	1.7384	11.744	12.707

#1	.03297	4.741	-.03878	2.1666	-2.8778
#2	.03476	4.727	-.03795	2.7171	-2.3431
#3	.03351	4.695	-.03928	2.3320	-2.9965

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3670.0	48257.	4501.3	102.30	3927.5
Stddev	13.9	1362.	43.6	.74	7.7
%RSD	.37782	2.8224	.96965	.71862	.19657

#1	3654.0	49220.	4517.1	102.33	3918.6
#2	3677.5	46698.	4451.9	103.02	3931.0
#3	3678.5	48852.	4534.8	101.55	3932.8

Sample Name: J6552-09 Acquired: 12/29/2018 18:36:23 Type: Unk
Method: P4-ICP2(v2688) 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	.04553	-.00094	1.8676	.01569	.03005	38.641	.36504
Stddev	.00160	.00064	.0232	.00123	.00139	.601	.00097
%RSD	3.5053	68.056	1.2416	7.8143	4.6197	1.5544	.26651

#1	.04679	-.00027	1.8410	.01467	.02885	38.132	.36435
#2	.04374	-.00101	1.8790	.01535	.02974	38.488	.36615
#3	.04608	-.00155	1.8830	.01705	.03157	39.303	.36462

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00332	-.00033	15.631	.09343	.01666	.14215	73.753
Stddev	.00004	.00005	.139	.00125	.00016	.00141	1.326
%RSD	1.1275	15.728	.89110	1.3393	.98957	.99221	1.7977

#1	.00335	-.00027	15.470	.09264	.01650	.14053	72.223
#2	.00327	-.00037	15.701	.09277	.01683	.14306	74.461
#3	.00333	-.00035	15.721	.09487	.01666	.14287	74.575

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8162	6.5750	.05668	-.00281	.00951	.21947	.37802
Stddev	.0236	.0702	.00070	.00038	.00805	.00309	.00770
%RSD	1.2997	1.0671	1.2325	13.471	84.706	1.4061	2.0374

#1	1.8047	6.5057	.05591	-.00321	.01227	.21810	.36913
#2	1.8005	6.5733	.05688	-.00245	.00044	.21731	.38251
#3	1.8434	6.6460	.05726	-.00277	.01581	.22301	.38243

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7306	.00681	.05346	2.6469	1.4867	.02422	.42501
Stddev	.0372	.00010	.00581	.0249	.0078	.00052	.00218
%RSD	1.3636	1.4895	10.865	.94077	.52591	2.1543	.51374

#1	2.7053	.00677	.04789	2.6183	1.4819	.02363	.42362
#2	2.7734	.00674	.05301	2.6587	1.4825	.02440	.42388
#3	2.7132	.00693	.05948	2.6637	1.4958	.02462	.42753

Sample Name: J6552-09 Acquired: 12/29/2018 18:36:23 Type: Unk
Method: P4-ICP2(v2688) 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	.03061	5.822	-.00423	2.3938	F<.00000
Stddev	.00047	.058	.00111	.1327	.41395
%RSD	1.5300	1.001	26.235	5.5452	13.382

#1	.03040	5.754	-.00306	2.3537	-3.4304
#2	.03030	5.852	-.00527	2.2858	-2.6313
#3	.03115	5.859	-.00436	2.5420	-3.2180

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3637.9	48561.	4496.2	101.48	3887.6
Stddev	27.4	568.	11.8	1.68	30.7
%RSD	.75210	1.1690	.26264	1.6600	.79078

#1	3669.4	48872.	4509.4	103.43	3923.0
#2	3621.0	48906.	4486.8	100.51	3868.8
#3	3623.2	47906.	4492.3	100.51	3870.9

Sample Name: J6552-10 Acquired: 12/29/2018 18:40:18 Type: Unk
Method: P4-ICP2(v2688) 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	.04326	-.00125	2.4942	.01580	.08535	43.148	.43385
Stddev	.00205	.00031	.0061	.00266	.00054	.458	.00352
%RSD	4.7454	24.563	.24600	16.856	.63243	1.0606	.81194

#1	.04477	-.00155	2.5011	.01397	.08589	42.620	.43169
#2	.04407	-.00127	2.4895	.01457	.08536	43.428	.43194
#3	.04092	-.00094	2.4919	.01885	.08481	43.396	.43791

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00380	.00034	20.445	.09578	.02138	.13144	70.413
Stddev	.00009	.00016	.327	.00100	.00012	.00149	1.673
%RSD	2.2829	47.577	1.5990	1.0396	.53985	1.1346	2.3761

#1	.00371	.00039	20.389	.09464	.02145	.13158	69.556
#2	.00388	.00047	20.149	.09647	.02144	.13286	69.343
#3	.00381	.00016	20.796	.09622	.02124	.12989	72.341

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3923	7.8265	.06735	-.00243	.03607	.17864	.44888
Stddev	.0114	.0566	.00023	.00029	.00657	.00176	.01043
%RSD	.47715	.72266	.34450	12.030	18.223	.98797	2.3229

#1	2.3812	7.8561	.06762	-.00228	.03899	.17661	.44881
#2	2.4040	7.7613	.06724	-.00277	.04069	.17944	.43848
#3	2.3915	7.8621	.06720	-.00225	.02855	.17986	.45933

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6897	.00652	.05467	3.0412	1.6506	.02665	.40310
Stddev	.0236	.00021	.00221	.0136	.0128	.00040	.00374
%RSD	.87654	3.1972	4.0480	.44835	.77428	1.5196	.92715

#1	2.7112	.00673	.05300	3.0341	1.6482	.02635	.40611
#2	2.6645	.00631	.05718	3.0570	1.6392	.02648	.39892
#3	2.6933	.00651	.05384	3.0326	1.6644	.02711	.40428

Sample Name: J6552-10 Acquired: 12/29/2018 18:40:18 Type: Unk
Method: P4-ICP2(v2688) 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	.03483	5.858	.01831	2.1427	F<.00000
Stddev	.00154	.020	.00161	.0720	.41536
%RSD	4.4323	.3429	8.7935	3.3615	15.531

#1	.03585	5.854	.01942	2.0663	-2.1988
#2	.03305	5.880	.01904	2.2094	-2.8588
#3	.03558	5.841	.01646	2.1523	-2.9657

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3682.8	49419.	4589.7	101.91	3845.0
Stddev	11.2	249.	51.1	2.53	8.5
%RSD	.30447	.50477	1.1129	2.4865	.22042

#1	3671.6	49707.	4570.4	102.10	3837.3
#2	3682.6	49274.	4647.6	104.35	3843.7
#3	3694.1	49275.	4551.1	99.292	3854.1

Sample Name: J6552-11 Acquired: 12/29/2018 18:44:11 Type: Unk
Method: P4-ICP2(v2688) 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	.05518	-.00198	1.1103	.01449	.02254	50.345	.33269
Stddev	.00192	.00094	.0040	.00204	.00052	.408	.00107
%RSD	3.4877	47.254	.35617	14.054	2.3055	.80960	.32066

#1	.05490	-.00275	1.1086	.01682	.02200	49.942	.33360
#2	.05341	-.00094	1.1076	.01305	.02303	50.757	.33296
#3	.05723	-.00226	1.1149	.01360	.02259	50.337	.33152

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00424	-.00089	7.4566	.08611	.02194	.13094	75.864
Stddev	.00010	.00008	.0109	.00154	.00017	.00136	.366
%RSD	2.2983	8.7166	.14571	1.7862	.78183	1.0377	.48263

#1	.00414	-.00091	7.4445	.08505	.02194	.13078	76.088
#2	.00426	-.00080	7.4655	.08787	.02176	.12966	75.441
#3	.00433	-.00095	7.4597	.08540	.02211	.13237	76.063

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6297	6.3821	.06143	-.00325	.02015	.20973	.31290
Stddev	.0232	.0298	.00040	.00038	.00796	.00230	.00294
%RSD	.88295	.46691	.65302	11.620	39.491	1.0982	.93964

#1	2.6109	6.4165	.06157	-.00340	.01935	.20819	.31600
#2	2.6557	6.3668	.06097	-.00352	.02847	.21237	.31015
#3	2.6225	6.3631	.06174	-.00282	.01262	.20861	.31257

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6984	.00641	.04815	2.2121	1.5107	.01541	.38415
Stddev	.0192	.00015	.00447	.0175	.0181	.00081	.00088
%RSD	.71099	2.2977	9.2763	.79040	1.1979	5.2702	.22835

#1	2.6861	.00658	.04325	2.2049	1.5126	.01633	.38516
#2	2.6887	.00629	.05199	2.1994	1.5278	.01480	.38354
#3	2.7205	.00636	.04922	2.2321	1.4918	.01510	.38375

Sample Name: J6552-11 Acquired: 12/29/2018 18:44:11 Type: Unk
Method: P4-ICP2(v2688) 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	.03498	4.841	-.04184	2.2226	F<.00000
Stddev	.00082	.028	.00057	.1289	.48574
%RSD	2.3373	.5828	1.3723	5.7999	9.8650

#1	.03480	4.846	-.04203	2.3505	-4.6240
#2	.03587	4.810	-.04119	2.0927	-4.6632
#3	.03427	4.866	-.04229	2.2246	-5.4842

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3701.4	49516.	4572.1	100.77	3844.8
Stddev	1.4	330.	32.1	.84	2.3
%RSD	.03851	.66704	.70112	.83184	.05964

#1	3702.9	49694.	4545.8	99.899	3845.0
#2	3700.1	49135.	4562.6	101.57	3847.0
#3	3701.2	49719.	4607.8	100.85	3842.4

Sample Name: J6552-12 Acquired: 12/29/2018 18:48:06 Type: Unk
Method: P4-ICP2(v2688) 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	.04967	-.00106	2.2512	.01849	.05961	43.990	.39041
Stddev	.00159	.00111	.0068	.00080	.00064	.370	.00151
%RSD	3.2064	104.79	.30022	4.3122	1.0779	.84082	.38708

#1	.05149	-.00157	2.2588	.01796	.05890	44.232	.39176
#2	.04858	-.00183	2.2489	.01941	.05977	44.173	.39069
#3	.04893	.00021	2.2459	.01811	.06015	43.564	.38878

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00340	.00021	11.008	.11965	.02115	.21271	82.421
Stddev	.00005	.00024	.046	.00114	.00014	.00075	1.831
%RSD	1.4039	111.64	.42127	.95354	.66080	.35208	2.2216

#1	.00345	.00004	10.988	.12095	.02103	.21333	84.208
#2	.00336	.00048	11.061	.11881	.02130	.21291	80.549
#3	.00338	.00012	10.976	.11921	.02112	.21188	82.507

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3929	6.2620	.08327	-.00228	.02988	.27270	.51637
Stddev	.0115	.0669	.00067	.00037	.00403	.00223	.01215
%RSD	.82370	1.0684	.80252	16.035	13.500	.81950	2.3536

#1	1.4057	6.2979	.08385	-.00211	.02854	.27527	.52708
#2	1.3893	6.3033	.08254	-.00270	.02668	.27118	.50316
#3	1.3835	6.1848	.08341	-.00204	.03441	.27166	.51886

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1184	.01085	.06640	4.6906	1.7718	.05010	.49085
Stddev	.0167	.00021	.00112	.0113	.0063	.00047	.00241
%RSD	.53654	1.9323	1.6811	.24172	.35563	.93957	.49110

#1	3.0991	.01060	.06603	4.6970	1.7787	.04966	.48812
#2	3.1282	.01094	.06551	4.6973	1.7662	.05005	.49173
#3	3.1280	.01099	.06765	4.6775	1.7706	.05060	.49269

Sample Name: J6552-12 Acquired: 12/29/2018 18:48:06 Type: Unk
Method: P4-ICP2(v2688) 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	.02846	4.514	-.03243	1.8906	F<.00000
Stddev	.00145	.016	.00220	.1500	.09694
%RSD	5.0843	.3468	6.7765	7.9363	1.4378
#1	.03009	4.530	-.03472	1.9495	-6.8538
#2	.02796	4.512	-.03034	2.0021	-6.6908
#3	.02733	4.499	-.03223	1.7200	-6.6814
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3759.5	50522.	4725.0	101.96	3847.1
Stddev	17.4	336.	20.0	2.57	15.5
%RSD	.46165	.66464	.42244	2.5204	.40307
#1	3740.9	50209.	4708.6	99.649	3829.3
#2	3762.5	50479.	4719.3	104.73	3854.3
#3	3775.2	50877.	4747.2	101.50	3857.7

Sample Name: J6552-13 Acquired: 12/29/2018 18:51:58 Type: Unk
Method: P4-ICP2(v2688) 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	.02442	-.00124	.08375	.01645	.00362	55.006	.33736
Stddev	.00077	.00041	.00084	.00131	.00096	.132	.00240
%RSD	3.1677	33.029	1.0003	7.9665	26.629	.23990	.71086

#1	.02523	-.00162	.08439	.01796	.00419	55.025	.33469
#2	.02432	-.00081	.08280	.01577	.00417	54.865	.33805
#3	.02370	-.00128	.08407	.01561	.00251	55.127	.33933

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00313	-.00256	.99839	.12636	.03223	.02103	99.895
Stddev	.00008	.00017	.01284	.00137	.00006	.00071	.868
%RSD	2.6314	6.6422	1.2865	1.0824	.19575	3.3886	.86921

#1	.00310	-.00238	.98363	.12528	.03217	.02107	98.990
#2	.00307	-.00272	1.0046	.12590	.03224	.02030	100.72
#3	.00322	-.00258	1.0070	.12789	.03229	.02172	99.976

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.88891	8.7404	.05862	-.00453	-.01981	.12293	.20599
Stddev	.00080	.0688	.00021	.00010	.00643	.00123	.00186
%RSD	.09034	.78694	.35120	2.2538	32.467	.99741	.90329

#1	.88899	8.6613	.05882	-.00465	-.02625	.12223	.20411
#2	.88808	8.7733	.05841	-.00445	-.01981	.12222	.20783
#3	.88968	8.7866	.05861	-.00451	-.01338	.12435	.20603

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6092	.00222	.06578	.31227	1.1980	-.00120	.30931
Stddev	.0226	.00011	.00440	.00207	.0160	.00021	.00266
%RSD	.86747	4.9019	6.6921	.66196	1.3331	17.198	.86068

#1	2.5900	.00210	.06073	.31454	1.1795	-.00143	.30624
#2	2.6342	.00223	.06779	.31176	1.2064	-.00102	.31084
#3	2.6035	.00232	.06882	.31050	1.2079	-.00117	.31086

Sample Name: J6552-13 Acquired: 12/29/2018 18:51:58 Type: Unk
 Method: P4-ICP2(v2688) 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	.05306	2.176	-.09436	1.8450	F<.00000
Stddev	.00052	.004	.00087	.0798	.46509
%RSD	.98711	.2071	.91955	4.3270	4.5513
#1	.05347	2.182	-.09348	1.9217	-9.7242
#2	.05323	2.174	-.09521	1.7624	-10.285
#3	.05247	2.173	-.09441	1.8508	-10.647
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3735.6	49603.	4596.1	99.800	3854.1
Stddev	7.9	67.	15.4	.788	21.1
%RSD	.21175	.13448	.33609	.78941	.54751
#1	3726.5	49615.	4612.4	100.52	3832.1
#2	3739.6	49663.	4581.7	98.959	3856.1
#3	3740.7	49531.	4594.2	99.919	3874.2

Sample Name: J6552-14 Acquired: 12/29/2018 18:55:58 Type: Unk
Method: P4-ICP2(v2688) 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	.05825	-.00082	.66329	.01320	.00941	53.624	.35279
Stddev	.00166	.00096	.00065	.00127	.00089	.162	.00340
%RSD	2.8497	116.76	.09839	9.5965	9.4112	.30137	.96394

#1	.05741	-.00011	.66389	.01363	.00840	53.612	.35247
#2	.05718	-.00191	.66339	.01177	.01001	53.791	.34955
#3	.06016	-.00044	.66260	.01419	.00984	53.468	.35633

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00493	-.00129	4.0599	.08518	.02021	.14444	76.151
Stddev	.00009	.00012	.0361	.00028	.00022	.00073	1.164
%RSD	1.7428	9.4105	.88871	.32542	1.0959	.50737	1.5288

#1	.00494	-.00116	4.0480	.08545	.02047	.14514	75.049
#2	.00501	-.00131	4.0313	.08490	.02008	.14449	76.036
#3	.00484	-.00140	4.1004	.08520	.02008	.14368	77.369

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7820	6.5342	.05057	-.00314	.01806	.18675	.25400
Stddev	.0048	.0270	.00049	.00023	.00762	.00116	.00317
%RSD	.26733	.41270	.97086	7.4209	42.210	.61917	1.2467

#1	1.7868	6.5032	.05103	-.00339	.01217	.18621	.25118
#2	1.7819	6.5516	.05005	-.00293	.01534	.18597	.25340
#3	1.7773	6.5479	.05064	-.00310	.02667	.18808	.25743

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9686	.00463	.04486	1.0563	1.2804	.01240	.33664
Stddev	.0268	.00006	.00139	.0031	.0185	.00097	.00280
%RSD	.90423	1.3219	3.0970	.29508	1.4470	7.7857	.83256

#1	2.9758	.00463	.04379	1.0563	1.2792	.01216	.33353
#2	2.9389	.00469	.04436	1.0532	1.2625	.01346	.33898
#3	2.9911	.00456	.04643	1.0594	1.2995	.01158	.33740

Sample Name: J6552-14 Acquired: 12/29/2018 18:55:58 Type: Unk
Method: P4-ICP2(v2688) 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	.04295	8.531	-.05255	2.2181	F<.00000
Stddev	.00084	.001	.00119	.1975	.24853
%RSD	1.9474	.0153	2.2581	8.9061	6.6217
#1	.04363	8.530	-.05143	2.3895	-3.9328
#2	.04320	8.531	-.05243	2.2626	-3.8574
#3	.04202	8.532	-.05380	2.0020	-3.4696
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3661.6	49033.	4512.7	100.88	3866.7
Stddev	15.4	318.	39.1	1.11	7.5
%RSD	.42112	.64762	.86692	1.0991	.19526
#1	3658.4	48751.	4508.8	101.81	3860.0
#2	3648.0	48971.	4553.6	101.18	3865.2
#3	3678.3	49377.	4475.7	99.656	3874.8

Sample Name: J6552-15 Acquired: 12/29/2018 18:59:55 Type: Unk
Method: P4-ICP2(v2688) 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	.04403	-.00164	.32610	.01218	.00829	54.390	.31704
Stddev	.00115	.00076	.00172	.00338	.00092	.221	.00250
%RSD	2.6166	46.538	.52671	27.787	11.049	.40549	.78835

#1	.04404	-.00249	.32605	.00914	.00725	54.578	.31435
#2	.04517	-.00101	.32441	.01583	.00897	54.147	.31929
#3	.04287	-.00141	.32784	.01158	.00864	54.445	.31747

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00393	-.00177	2.6934	.08820	.01865	.05105	79.169
Stddev	.00006	.00021	.0288	.00122	.00021	.00109	1.888
%RSD	1.4529	11.838	1.0682	1.3863	1.1330	2.1253	2.3851

#1	.00390	-.00153	2.6661	.08931	.01841	.05230	77.024
#2	.00400	-.00190	2.7235	.08689	.01872	.05052	80.577
#3	.00390	-.00188	2.6905	.08841	.01881	.05034	79.907

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7727	6.6087	.05162	-.00338	-.01277	.13931	.23609
Stddev	.0061	.0310	.00026	.00036	.01029	.00166	.00492
%RSD	.34431	.46884	.50131	10.688	80.579	1.1901	2.0827

#1	1.7765	6.6418	.05134	-.00377	-.01371	.13911	.23045
#2	1.7657	6.6039	.05166	-.00306	-.02256	.13777	.23948
#3	1.7759	6.5804	.05185	-.00332	-.00204	.14106	.23833

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4686	.00371	.05528	.77737	1.2671	.00680	.29478
Stddev	.0155	.00019	.00768	.00361	.0162	.00069	.00082
%RSD	.62731	5.2401	13.891	.46475	1.2778	10.169	.27732

#1	2.4507	.00381	.04964	.77938	1.2506	.00611	.29416
#2	2.4763	.00383	.06403	.77320	1.2677	.00679	.29571
#3	2.4786	.00348	.05217	.77954	1.2829	.00749	.29447

Sample Name: J6552-15 Acquired: 12/29/2018 18:59:55 Type: Unk
 Method: P4-ICP2(v2688) 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	.04350	3.640	-.06195	2.2486	F<.00000
Stddev	.00093	.013	.00194	.1757	.14578
%RSD	2.1457	.3422	3.1359	7.8140	2.8251
#1	.04262	3.632	-.05975	2.4498	-5.2058
#2	.04339	3.634	-.06340	2.1256	-5.2775
#3	.04448	3.655	-.06271	2.1703	-4.9969
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3657.2	48901.	4503.9	100.13	3841.9
Stddev	4.3	351.	30.5	2.06	1.2
%RSD	.11626	.71803	.67767	2.0582	.03174
#1	3654.9	48521.	4538.9	102.46	3840.9
#2	3654.6	49213.	4483.1	98.575	3843.3
#3	3662.1	48970.	4489.5	99.340	3841.6

Sample Name: J6552-16 Acquired: 12/29/2018 19:03:54 Type: Unk
Method: P4-ICP2(v2688) 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	.10439	-.00229	2.0929	.01618	.01835	52.495	.38477
Stddev	.00400	.00029	.0135	.00437	.00073	.277	.00257
%RSD	3.8351	12.771	.64295	27.010	3.9705	.52823	.66840

#1	.10848	-.00263	2.0861	.02015	.01838	52.633	.38626
#2	.10048	-.00213	2.0841	.01150	.01906	52.677	.38625
#3	.10420	-.00211	2.1084	.01689	.01760	52.176	.38180

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00407	-.00049	15.549	.09144	.02464	.12629	85.666
Stddev	.00004	.00027	.075	.00113	.00016	.00185	1.492
%RSD	.93492	54.409	.48491	1.2363	.64101	1.4641	1.7413

#1	.00406	-.00069	15.545	.09149	.02461	.12573	86.744
#2	.00412	-.00059	15.626	.09254	.02450	.12479	86.289
#3	.00404	-.00019	15.476	.09028	.02481	.12836	83.963

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7285	8.0148	.06548	-.00352	.02406	.19170	.46236
Stddev	.0227	.0320	.00056	.00020	.00766	.00258	.00880
%RSD	.83139	.39945	.85945	5.7667	31.854	1.3433	1.9037

#1	2.7453	8.0177	.06557	-.00375	.03252	.19203	.46938
#2	2.7376	8.0453	.06487	-.00340	.01757	.19410	.46521
#3	2.7027	7.9814	.06599	-.00340	.02209	.18898	.45248

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9876	.00572	.05726	1.9176	1.5945	.01274	.36286
Stddev	.0182	.00023	.00252	.0097	.0254	.00016	.00104
%RSD	.60974	3.9439	4.3930	.50814	1.5947	1.2192	.28693

#1	2.9667	.00595	.05669	1.9180	1.5892	.01262	.36405
#2	3.0001	.00570	.05508	1.9076	1.6221	.01292	.36213
#3	2.9961	.00550	.06002	1.9271	1.5721	.01270	.36240

Sample Name: J6552-16 Acquired: 12/29/2018 19:03:54 Type: Unk
 Method: P4-ICP2(v2688) 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	.04309	3.894	-.01592	1.6575	F<.00000
Stddev	.00041	.024	.00167	.1178	.25982
%RSD	.94137	.6253	10.477	7.1062	3.9957
#1	.04263	3.898	-.01737	1.7935	-6.2262
#2	.04341	3.868	-.01630	1.5925	-6.5395
#3	.04322	3.916	-.01410	1.5866	-6.7418
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3753.1	50415.	4661.9	102.98	3833.4
Stddev	22.7	516.	38.1	2.12	20.6
%RSD	.60515	1.0242	.81801	2.0574	.53667
#1	3741.5	49982.	4644.0	101.26	3823.8
#2	3779.3	50276.	4636.0	102.32	3857.0
#3	3738.5	50987.	4705.7	105.34	3819.4

Sample Name: J6552-17 Acquired: 12/29/2018 19:07:49 Type: Unk
Method: P4-ICP2(v2688) 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	.06632	-.00108	2.5593	.01775	.04117	45.968	.53008
Stddev	.00090	.00043	.0112	.00142	.00097	.608	.00108
%RSD	1.3555	39.718	.43675	8.0065	2.3586	1.3231	.20440

#1	.06670	-.00067	2.5467	.01924	.04159	45.403	.53092
#2	.06697	-.00105	2.5680	.01760	.04006	46.611	.53046
#3	.06530	-.00153	2.5633	.01641	.04187	45.890	.52885

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00391	.00027	31.636	.11231	.02192	.25422	84.586
Stddev	.00003	.00021	.140	.00063	.00024	.00286	1.074
%RSD	.79464	77.115	.44390	.56534	1.0851	1.1240	1.2691

#1	.00394	.00008	31.691	.11222	.02194	.25369	85.591
#2	.00388	.00050	31.477	.11299	.02214	.25731	83.455
#3	.00393	.00025	31.741	.11173	.02167	.25167	84.712

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0136	9.1159	.09666	-.00245	.13173	.26787	.73366
Stddev	.0210	.0307	.00018	.00060	.00890	.00193	.01340
%RSD	1.0408	.33701	.19080	24.384	6.7599	.71883	1.8258

#1	1.9981	9.1312	.09669	-.00276	.14104	.26872	.74744
#2	2.0374	9.0806	.09646	-.00283	.12329	.26922	.72069
#3	2.0052	9.1360	.09682	-.00176	.13087	.26566	.73286

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5324	.00983	.06404	4.3228	1.9042	.03658	.47960
Stddev	.0277	.00013	.00249	.0327	.0175	.00060	.00141
%RSD	.78281	1.3583	3.8884	.75588	.91628	1.6483	.29324

#1	3.5528	.00998	.06134	4.3123	1.9234	.03592	.48054
#2	3.5009	.00980	.06625	4.3594	1.8893	.03711	.47799
#3	3.5435	.00972	.06452	4.2966	1.8999	.03670	.48029

Sample Name: J6552-17 Acquired: 12/29/2018 19:07:49 Type: Unk
Method: P4-ICP2(v2688) 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	.03023	4.677	.05589	1.6565	F<.00000
Stddev	.00077	.030	.00020	.2798	.89081
%RSD	2.5578	.6442	.36597	16.889	15.632
#1	.03003	4.669	.05568	1.4101	-4.9937
#2	.02958	4.711	.05590	1.9606	-6.6999
#3	.03109	4.652	.05609	1.5989	-5.4028
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3784.0	50601.	4724.2	100.98	3807.2
Stddev	15.2	529.	30.8	1.79	17.4
%RSD	.40212	1.0454	.65173	1.7736	.45712
#1	3787.6	50923.	4688.7	99.132	3824.0
#2	3767.3	49990.	4743.1	102.71	3789.2
#3	3797.1	50890.	4740.8	101.10	3808.4

Sample Name: CCV07 Acquired: 12/29/2018 19:11:43 Type: Unk
Method: P4-ICP2(v2688) 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	5.0478	4.8522	4.8812	4.9195	4.9632	10.212	10.715	.24916
Stddev	.0104	.0119	.0122	.0101	.0157	.076	.043	.00063
%RSD	.20612	.24614	.24976	.20547	.31700	.74116	.40153	.25391

#1	5.0560	4.8487	4.8865	4.9312	4.9813	10.148	10.723	.24843
#2	5.0513	4.8424	4.8673	4.9134	4.9527	10.296	10.753	.24952
#3	5.0361	4.8655	4.8899	4.9139	4.9555	10.192	10.668	.24954

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4132	27.037	1.0534	2.4094	1.2481	4.8271	2.5357	25.892
Stddev	.0040	.110	.0044	.0032	.0042	.0430	.0052	.137
%RSD	.16763	.40754	.41948	.13399	.33536	.89151	.20427	.53052

#1	2.4134	27.072	1.0506	2.4096	1.2527	4.8746	2.5298	25.742
#2	2.4091	27.125	1.0585	2.4061	1.2446	4.7906	2.5393	25.925
#3	2.4172	26.913	1.0511	2.4126	1.2470	4.8161	2.5381	26.010

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6418	1.3231	26.790	2.4490	2.5550	25.761	4.9946	5.0349
Stddev	.0049	.0043	.050	.0037	.0429	.076	.0137	.0227
%RSD	.18708	.32119	.18659	.15322	1.6780	.29484	.27485	.45151

#1	2.6418	1.3225	26.769	2.4469	2.6042	25.766	5.0103	5.0188
#2	2.6368	1.3276	26.847	2.4533	2.5259	25.835	4.9847	5.0249
#3	2.6467	1.3192	26.754	2.4467	2.5348	25.683	4.9888	5.0609

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7063	5.1620	4.8444	4.8654	5.1864	4.961	5.3826	F 3.9904
Stddev	.0185	.0073	.0130	.0033	.0175	.019	.0188	.1096
%RSD	.39258	.14090	.26796	.06789	.33696	.3884	.34874	2.7469

#1	4.6956	5.1697	4.8440	4.8617	5.1930	4.948	5.3886	4.0282
#2	4.6958	5.1553	4.8316	4.8679	5.1996	4.951	5.3976	4.0761
#3	4.7277	5.1608	4.8575	4.8667	5.1665	4.983	5.3616	3.8669

Sample Name: CCV07 Acquired: 12/29/2018 19:11:43 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.6870
Stddev	.1985
%RSD	7.3863

#1	2.9032
#2	2.6447
#3	2.5130

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3392.0	44555.	4147.3	95.530	3552.5
Stddev	11.8	138.	24.0	1.633	3.7
%RSD	.34647	.31001	.57976	1.7094	.10534

#1	3380.1	44518.	4126.2	93.644	3548.2
#2	3392.4	44438.	4142.2	96.450	3554.8
#3	3403.5	44707.	4173.5	96.495	3554.6

Sample Name: CCB07 Acquired: 12/29/2018 19:23:38 Type: Unk
Method: P4-ICP2(v2688) 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	-.00127	.00048	-.00160	-.00176	-.00082	.00258	.00443	.00003
Stddev	.00170	.00069	.00076	.00150	.00092	.00773	.00081	.00004
%RSD	133.78	143.52	47.578	85.329	112.43	299.72	18.374	149.72

#1	-.00299	.00100	-.00097	-.00033	-.00173	-.00479	.00427	.00007
#2	-.00122	.00076	-.00138	-.00162	.00011	.00189	.00370	-.00001
#3	.00041	-.00031	-.00245	-.00333	-.00083	.01063	.00531	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00140	.00024	.00014	-.00056	.00712	.00028	.00960
Stddev	.00003	.01602	.00019	.00006	.00003	.00062	.00001	.01216
%RSD	812.24	1146.6	81.040	41.783	5.8587	8.6528	1.9861	126.65

#1	.00003	.00139	.00002	.00021	-.00052	.00641	.00028	.00159
#2	-.00001	-.01461	.00034	.00014	-.00059	.00739	.00027	.02359
#3	-.00003	.01742	.00036	.00009	-.00057	.00756	.00028	.00362

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00046	-.00058	-.06691	-.00021	-.00182	-.03109	-.00012	-.00718
Stddev	.00015	.00019	.00952	.00018	.00004	.02178	.00008	.00383
%RSD	33.406	33.039	14.222	84.619	2.3928	70.046	67.459	53.370

#1	.00056	-.00060	-.07596	-.00008	-.00185	-.04420	-.00019	-.00944
#2	.00028	-.00038	-.06779	-.00014	-.00185	-.00595	-.00013	-.00933
#3	.00054	-.00076	-.05698	-.00041	-.00177	-.04313	-.00003	-.00275

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	.00196	-.00212	.00473	-.00240	-.0021	.00000	F 2.7876
Stddev	.00108	.00076	.00026	.00126	.00150	.0008	.00001	.0651
%RSD	430.41	38.784	12.243	26.601	62.479	37.67	657.24	2.3369

#1	.00096	.00271	-.00188	.00369	-.00403	-.0030	.00002	2.8394
#2	-.00060	.00197	-.00239	.00436	-.00107	-.0017	-.00001	2.8089
#3	-.00111	.00119	-.00209	.00613	-.00210	-.0016	-.00000	2.7145

Sample Name: CCB07 Acquired: 12/29/2018 19:23:38 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.0532
Stddev .3222
%RSD 30.595

#1 1.4035
#2 .98654
#3 .76945

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3553.5	47271.	4190.2	100.18	4076.3
Stddev	7.5	269.	41.9	1.44	7.7
%RSD	.21240	.56929	.99991	1.4362	.18799

#1	3544.8	46965.	4151.4	100.58	4068.6
#2	3557.5	47377.	4234.7	101.38	4076.4
#3	3558.2	47471.	4184.6	98.583	4083.9

Sample Name: J6552-18 Acquired: 12/29/2018 19:27:46 Type: Unk
 Method: P4-ICP2(v2688) 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	.05305	-.00042	2.0752	.01477	.02453	48.620	.36568
Stddev	.00170	.00077	.0015	.00182	.00078	.034	.00256
%RSD	3.2080	181.84	.07026	12.357	3.1890	.06951	.69878

#1	.05217	.00023	2.0765	.01408	.02363	48.587	.36621
#2	.05501	-.00127	2.0736	.01338	.02506	48.654	.36793
#3	.05197	-.00022	2.0755	.01683	.02489	48.619	.36290

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00369	.00023	8.0402	.12832	.01876	.19080	77.189
Stddev	.00002	.00012	.0160	.00124	.00011	.00214	1.132
%RSD	.43266	51.319	.19856	.96351	.59333	1.1236	1.4665

#1	.00369	.00023	8.0240	.12970	.01887	.19079	76.944
#2	.00368	.00011	8.0560	.12731	.01864	.18866	78.424
#3	.00371	.00035	8.0407	.12795	.01878	.19295	76.200

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4671	7.0843	.06636	-.00292	.00781	.19723	.41124
Stddev	.0004	.0129	.00019	.00032	.00257	.00109	.00546
%RSD	.02478	.18268	.27913	11.064	32.850	.55014	1.3286

#1	1.4667	7.0837	.06649	-.00302	.00793	.19848	.41145
#2	1.4672	7.0717	.06644	-.00256	.01031	.19658	.41660
#3	1.4675	7.0975	.06615	-.00318	.00519	.19662	.40568

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7876	.00708	.05877	3.1508	1.6346	.02410	.40428
Stddev	.0221	.00003	.00637	.0273	.0099	.00017	.00374
%RSD	.79132	.35920	10.836	.86761	.60801	.71356	.92439

#1	2.7973	.00706	.06118	3.1510	1.6427	.02429	.40790
#2	2.7624	.00708	.06358	3.1234	1.6235	.02397	.40044
#3	2.8032	.00711	.05155	3.1780	1.6376	.02403	.40449

Sample Name: J6552-18 Acquired: 12/29/2018 19:27:46 Type: Unk
Method: P4-ICP2(v2688) 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	.03708	6.728	-.03200	1.9440	F<.00000
Stddev	.00079	.031	.00139	.0528	.03023
%RSD	2.1184	.4593	4.3456	2.7140	.58583
#1	.03716	6.746	-.03195	1.8832	-5.1262
#2	.03782	6.693	-.03342	1.9777	-5.1812
#3	.03626	6.747	-.03064	1.9711	-5.1756
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3735.0	49766.	4593.1	102.61	3871.3
Stddev	9.0	85.	12.8	1.38	12.4
%RSD	.24056	.17151	.27872	1.3422	.32041
#1	3727.0	49687.	4591.7	102.46	3859.8
#2	3744.7	49856.	4581.0	101.31	3884.5
#3	3733.3	49754.	4606.5	104.05	3869.7

Sample Name: J6552-19 Acquired: 12/29/2018 19:31:40 Type: Unk
Method: P4-ICP2(v2688) 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	.04214	-.00120	.32765	.01201	.00503	51.586	.33253
Stddev	.00039	.00025	.00265	.00292	.00006	.573	.00198
%RSD	.92182	20.571	.81007	24.322	1.1573	1.1117	.59629

#1	.04252	-.00092	.32969	.01526	.00508	51.955	.33431
#2	.04175	-.00138	.32861	.01116	.00497	50.925	.33287
#3	.04215	-.00130	.32465	.00960	.00504	51.878	.33039

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00430	-.00151	3.4317	.07998	.02124	.05519	72.826
Stddev	.00013	.00004	.0199	.00191	.00012	.00061	.839
%RSD	3.0215	2.5210	.58113	2.3930	.57442	1.0968	1.1525

#1	.00440	-.00148	3.4525	.08048	.02126	.05588	71.858
#2	.00415	-.00149	3.4299	.07787	.02135	.05494	73.353
#3	.00433	-.00155	3.4127	.08160	.02111	.05475	73.267

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3141	6.2459	.04857	-.00369	-.01172	.11016	.24480
Stddev	.0321	.0828	.00035	.00019	.01278	.00178	.00305
%RSD	1.3855	1.3265	.73015	5.1779	109.07	1.6180	1.2449

#1	2.3293	6.3234	.04839	-.00357	-.02581	.11111	.24149
#2	2.2772	6.2558	.04897	-.00391	-.00850	.10811	.24750
#3	2.3357	6.1586	.04833	-.00358	-.00086	.11127	.24540

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3817	.00372	.04571	.82898	1.2629	.00545	.27588
Stddev	.0263	.00005	.00338	.00758	.0070	.00025	.00342
%RSD	1.1052	1.2569	7.3833	.91455	.55512	4.5257	1.2394

#1	2.4022	.00373	.04182	.83278	1.2690	.00541	.27954
#2	2.3909	.00376	.04754	.83391	1.2552	.00572	.27533
#3	2.3520	.00367	.04778	.82025	1.2644	.00523	.27276

Sample Name: J6552-19 Acquired: 12/29/2018 19:31:40 Type: Unk
Method: P4-ICP2(v2688) 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	.04611	5.534	-.04195	1.7921	F<.00000
Stddev	.00064	.035	.00101	.1579	.28466
%RSD	1.3974	.6411	2.3996	8.8095	8.7067
#1	.04576	5.548	-.04079	1.9434	-3.5453
#2	.04685	5.561	-.04254	1.6284	-2.9767
#3	.04572	5.494	-.04251	1.8046	-3.2862
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3748.3	50215.	4592.1	102.12	3878.3
Stddev	18.1	473.	7.5	1.32	20.4
%RSD	.48174	.94138	.16420	1.2923	.52644
#1	3730.3	49850.	4588.1	103.63	3862.2
#2	3748.1	50749.	4587.5	101.24	3871.4
#3	3766.4	50045.	4600.8	101.47	3901.3

Sample Name: J6552-19DUP Acquired: 12/29/2018 19:35:38 Type: Unk
Method: P4-ICP2(v2688) 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	.04320	-.00119	.32601	.01356	.00576	52.054	.33305
Stddev	.00161	.00084	.00340	.00103	.00172	.172	.00152
%RSD	3.7368	70.481	1.0416	7.6154	29.947	.32976	.45772

#1	.04270	-.00094	.32661	.01269	.00705	51.873	.33451
#2	.04500	-.00213	.32906	.01470	.00643	52.075	.33317
#3	.04189	-.00051	.32235	.01330	.00380	52.214	.33147

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00425	-.00152	3.3994	.08021	.02110	.05496	72.911
Stddev	.00001	.00017	.0262	.00094	.00029	.00101	.529
%RSD	.30431	11.132	.77149	1.1729	1.3618	1.8432	.72564

#1	.00427	-.00143	3.4295	.07968	.02119	.05552	73.078
#2	.00425	-.00142	3.3812	.08130	.02134	.05557	72.318
#3	.00425	-.00172	3.3876	.07965	.02078	.05379	73.336

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3296	6.3065	.04835	-.00337	-.01267	.11003	.24415
Stddev	.0022	.0132	.00036	.00028	.00772	.00072	.00126
%RSD	.09611	.20934	.74070	8.3213	60.924	.65571	.51454

#1	2.3270	6.2913	.04816	-.00306	-.00404	.10928	.24485
#2	2.3306	6.3154	.04876	-.00342	-.01891	.11071	.24270
#3	2.3312	6.3127	.04812	-.00362	-.01507	.11011	.24490

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3930	.00357	.04549	.81672	1.2338	.00518	.27634
Stddev	.0094	.00009	.00290	.00732	.0172	.00021	.00151
%RSD	.39304	2.5566	6.3742	.89618	1.3972	4.1107	.54721

#1	2.4037	.00365	.04222	.82294	1.2264	.00540	.27471
#2	2.3894	.00360	.04774	.81857	1.2536	.00497	.27770
#3	2.3860	.00347	.04652	.80865	1.2216	.00517	.27661

Sample Name: J6552-19DUP Acquired: 12/29/2018 19:35:38 Type: Unk
Method: P4-ICP2(v2688) 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	.04710	5.496	-.04192	2.1264	F<.00000
Stddev	.00105	.042	.00063	.1312	.39457
%RSD	2.2253	.7629	1.5085	6.1680	10.425

#1	.04600	5.523	-.04210	2.2404	-3.9956
#2	.04809	5.517	-.04122	1.9831	-4.0294
#3	.04720	5.448	-.04244	2.1557	-3.3297

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3760.6	49774.	4603.2	102.19	3896.5
Stddev	32.2	82.	17.8	.73	33.1
%RSD	.85650	.16516	.38564	.71291	.84900

#1	3741.6	49832.	4592.7	101.72	3873.1
#2	3742.4	49680.	4593.2	103.03	3882.1
#3	3797.8	49811.	4623.7	101.83	3934.4

Sample Name: J6552-19LX5 Acquired: 12/29/2018 19:39:35 Type: Unk
Method: P4-ICP2(v2688) 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	.00911	-.00064	.06519	.00263	.00014	10.735	.07291	.00094
Stddev	.00098	.00025	.00091	.00084	.00063	.035	.00200	.00005
%RSD	10.736	38.516	1.3996	31.797	447.34	.32960	2.7399	5.5261

#1	.01010	-.00064	.06593	.00254	.00004	10.727	.07522	.00094
#2	.00814	-.00040	.06547	.00184	-.00043	10.773	.07166	.00099
#3	.00908	-.00089	.06417	.00351	.00081	10.704	.07186	.00089

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00032	.74472	.01720	.00427	.01185	14.958	.50033	1.3452
Stddev	.00012	.02352	.00020	.00008	.00023	.472	.00102	.0463
%RSD	36.686	3.1578	1.1621	1.8078	1.9754	3.1583	.20354	3.4430

#1	-.00040	.77176	.01741	.00432	.01202	15.059	.50040	1.3935
#2	-.00019	.72904	.01717	.00431	.01193	14.443	.50131	1.3011
#3	-.00039	.73337	.01702	.00418	.01158	15.371	.49928	1.3412

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01031	-.00145	-.06043	.02296	.04965	.48854	.00047	.01290
Stddev	.00019	.00006	.00943	.00022	.00186	.02591	.00015	.00186
%RSD	1.8766	4.3434	15.608	.95242	3.7512	5.3026	31.210	14.403

#1	.01052	-.00146	-.05084	.02320	.04985	.51845	.00030	.01167
#2	.01014	-.00151	-.06074	.02277	.04770	.47397	.00055	.01199
#3	.01027	-.00139	-.06970	.02292	.05141	.47319	.00056	.01504

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16270	.28187	-.00139	.06133	.00892	1.097	-.00824	2.8307
Stddev	.00250	.00665	.00055	.00161	.00082	.001	.00044	.0103
%RSD	1.5368	2.3579	39.304	2.6250	9.1637	.0586	5.3108	.36241

#1	.16558	.28950	-.00093	.06067	.00984	1.096	-.00823	2.8258
#2	.16142	.27736	-.00125	.06015	.00831	1.097	-.00781	2.8238
#3	.16110	.27874	-.00200	.06316	.00859	1.098	-.00869	2.8425

Sample Name: J6552-19LX5 Acquired: 12/29/2018 19:39:35 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.2361
Stddev	.3003
%RSD	9.2785

#1	3.2862
#2	2.9139
#3	3.5081

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3617.8	47797.	4303.3	101.28	4031.5
Stddev	19.8	64.	71.6	3.45	20.4
%RSD	.54704	.13477	1.6641	3.4048	.50680

#1	3604.6	47784.	4227.8	100.36	4014.1
#2	3608.3	47740.	4370.2	105.10	4026.5
#3	3640.6	47867.	4311.8	98.392	4054.0

Sample Name: J6552-19MS Acquired: 12/29/2018 19:43:38 Type: Unk
Method: P4-ICP2(v2688) 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	.80276	1.9632	1.3023	1.8739	.76531	53.353	.54084
Stddev	.00095	.0100	.0065	.0069	.00129	.132	.00385
%RSD	.11846	.51007	.50130	.36664	.16861	.24697	.71235

#1	.80207	1.9557	1.3002	1.8684	.76613	53.236	.54426
#2	.80237	1.9594	1.2971	1.8718	.76382	53.326	.54160
#3	.80384	1.9746	1.3096	1.8816	.76598	53.495	.53667

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19323	.18919	4.5518	.49779	.21984	.35497	75.543
Stddev	.00072	.00082	.0054	.00162	.00066	.00183	1.021
%RSD	.37337	.43089	.11854	.32564	.30249	.51520	1.3516

#1	.19398	.18873	4.5456	.49592	.21941	.35491	75.929
#2	.19315	.18872	4.5543	.49865	.21950	.35317	76.315
#3	.19255	.19013	4.5554	.49880	.22060	.35683	74.385

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4861	8.2386	.54397	.07044	3.0276	.39757	.44731
Stddev	.0024	.0468	.00211	.00075	.0213	.00139	.00742
%RSD	.09701	.56857	.38753	1.0591	.70177	.35027	1.6589

#1	2.4883	8.2045	.54282	.07098	3.0396	.39837	.45035
#2	2.4864	8.2192	.54269	.07076	3.0400	.39838	.45273
#3	2.4835	8.2920	.54641	.06959	3.0030	.39596	.43886

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.740	.40057	.33931	.82082	2.2072	.67084	.46357
Stddev	.088	.00128	.00871	.00372	.0216	.00362	.00229
%RSD	.69334	.31978	2.5684	.45350	.98058	.54022	.49299

#1	12.815	.39966	.33768	.81674	2.2146	.66981	.46613
#2	12.762	.40002	.34873	.82172	2.2242	.66785	.46286
#3	12.642	.40203	.33153	.82402	2.1828	.67487	.46172

Sample Name: J6552-19MS Acquired: 12/29/2018 19:43:38 Type: Unk
 Method: P4-ICP2(v2688) 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	.25719	F 10.83	.16555	2.2927	F<.00000
Stddev	.00149	.02	.00061	.0442	.51593
%RSD	.57885	.1903	.36667	1.9261	8.9797

#1	.25795	10.82	.16579	2.2935	-5.3782
#2	.25814	10.82	.16600	2.3364	-5.5230
#3	.25547	10.85	.16486	2.2481	-6.3353

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3724.6	49529.	4472.1	100.46	3814.7
Stddev	1.9	77.	42.9	1.75	4.7
%RSD	.04984	.15549	.95866	1.7373	.12446

#1	3723.3	49477.	4453.0	99.663	3819.0
#2	3723.7	49494.	4442.1	99.264	3815.6
#3	3726.7	49618.	4521.2	102.47	3809.6

Sample Name: J6552-19MSD Acquired: 12/29/2018 19:47:21 Type: Unk
Method: P4-ICP2(v2688) 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	.79856	1.9485	1.2951	1.8614	.76561	52.902	.53350
Stddev	.01475	.0349	.0265	.0391	.01360	.280	.00742
%RSD	1.8475	1.7925	2.0440	2.1004	1.7765	.52943	1.3910

#1	.80228	1.9576	1.2982	1.8651	.76865	52.582	.53857
#2	.78230	1.9099	1.2672	1.8206	.75075	53.017	.52498
#3	.81110	1.9779	1.3199	1.8986	.77744	53.106	.53694

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19347	.18808	4.4900	.49490	.21860	.35349	75.619
Stddev	.00034	.00364	.0541	.00182	.00376	.00514	1.401
%RSD	.17821	1.9355	1.2044	.36739	1.7207	1.4531	1.8524

#1	.19347	.18902	4.5159	.49419	.21919	.35436	75.840
#2	.19381	.18406	4.4278	.49697	.21458	.34797	74.121
#3	.19312	.19116	4.5262	.49354	.22203	.35813	76.896

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4801	8.2020	.54136	.06953	3.0153	.39686	.44931
Stddev	.0112	.0141	.00998	.00060	.0264	.00219	.00661
%RSD	.45032	.17126	1.8428	.86918	.87452	.55117	1.4704

#1	2.4762	8.2131	.54375	.06908	3.0305	.39507	.45302
#2	2.4927	8.1862	.53041	.07022	2.9848	.39930	.44169
#3	2.4713	8.2067	.54993	.06930	3.0305	.39622	.45324

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.550	.39890	.33613	.81458	2.1814	.66822	.45864
Stddev	.149	.00707	.00281	.01501	.0072	.01212	.00202
%RSD	1.1850	1.7727	.83675	1.8431	.32878	1.8140	.44030

#1	12.689	.40043	.33380	.82339	2.1896	.66868	.45739
#2	12.393	.39119	.33926	.79724	2.1765	.65587	.45757
#3	12.569	.40509	.33534	.82309	2.1779	.68010	.46097

Sample Name: J6552-19MSD Acquired: 12/29/2018 19:47:21 Type: Unk
Method: P4-ICP2(v2688) 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	.25522	F 10.73	.16184	2.2361	F<.00000
Stddev	.00156	.20	.00093	.0675	.17361
%RSD	.61102	1.869	.57544	3.0191	3.1523

#1	.25683	10.79	.16280	2.2336	-5.4594
#2	.25372	10.50	.16094	2.3049	-5.7001
#3	.25512	10.89	.16180	2.1700	-5.3630

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3742.1	49640.	4502.2	99.745	3840.0
Stddev	53.7	243.	54.5	1.353	65.7
%RSD	1.4352	.49015	1.2099	1.3562	1.7112

#1	3715.1	49671.	4442.6	98.773	3811.6
#2	3804.0	49383.	4549.5	101.29	3915.1
#3	3707.3	49867.	4514.5	99.172	3793.2

Sample Name: J6552-19A Acquired: 12/29/2018 19:51:03 Type: Unk
Method: P4-ICP2(v2688) 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	.80393	1.9707	1.3074	1.8763	.76732	53.246	.53476
Stddev	.00054	.0040	.0024	.0017	.00083	.327	.00252
%RSD	.06776	.20448	.18040	.09297	.10770	.61331	.47098

#1	.80336	1.9683	1.3047	1.8745	.76826	52.886	.53614
#2	.80401	1.9753	1.3087	1.8763	.76700	53.328	.53628
#3	.80444	1.9684	1.3089	1.8780	.76670	53.523	.53185

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19433	.19003	4.4699	.49485	.22081	.35674	75.552
Stddev	.00036	.00036	.0127	.00224	.00021	.00005	.490
%RSD	.18633	.18948	.28378	.45211	.09574	.01509	.64897

#1	.19451	.18964	4.4733	.49282	.22058	.35680	74.994
#2	.19456	.19010	4.4805	.49450	.22083	.35673	75.913
#3	.19391	.19035	4.4558	.49725	.22100	.35670	75.750

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4900	8.2261	.54686	.06987	3.0294	.39857	.44450
Stddev	.0042	.0198	.00165	.00036	.0020	.00067	.00237
%RSD	.16931	.24060	.30142	.51393	.06582	.16758	.53339

#1	2.4863	8.2069	.54526	.07027	3.0275	.39932	.44564
#2	2.4946	8.2250	.54678	.06958	3.0314	.39834	.44609
#3	2.4892	8.2464	.54855	.06975	3.0293	.39805	.44178

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.574	.40192	.33263	.82642	2.1616	.67158	.46233
Stddev	.017	.00109	.00584	.00775	.0060	.00065	.00152
%RSD	.13775	.27062	1.7556	.93735	.27574	.09670	.32819

#1	12.577	.40070	.33223	.82468	2.1655	.67084	.46065
#2	12.589	.40228	.33866	.83490	2.1646	.67191	.46358
#3	12.555	.40279	.32700	.81970	2.1548	.67201	.46278

Sample Name: J6552-19A Acquired: 12/29/2018 19:51:03 Type: Unk
Method: P4-ICP2(v2688) 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	.25507	F 10.86	.16117	2.1748	F<.00000
Stddev	.00064	.03	.00216	.1046	.38115
%RSD	.24957	.2553	1.3389	4.8085	7.3255
#1	.25467	10.89	.16327	2.1390	-4.8992
#2	.25581	10.84	.16130	2.0929	-5.6307
#3	.25474	10.83	.15895	2.2926	-5.0792
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3715.7	49470.	4525.9	100.83	3801.3
Stddev	1.5	69.	38.4	.39	1.8
%RSD	.04069	.13913	.84940	.38898	.04796
#1	3716.7	49526.	4491.7	100.84	3802.7
#2	3716.4	49491.	4518.5	100.43	3799.2
#3	3714.0	49393.	4567.5	101.21	3801.9

Sample Name: CCV08 Acquired: 12/29/2018 19:54:46 Type: Unk
Method: P4-ICP2(v2688) 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	5.0327	4.8493	4.8747	4.9192	4.9460	10.045	10.581	.24718
Stddev	.0083	.0168	.0107	.0104	.0209	.010	.069	.00061
%RSD	.16445	.34632	.21966	.21230	.42295	.10397	.64898	.24679
#1	5.0382	4.8610	4.8707	4.9213	4.9636	10.056	10.502	.24788
#2	5.0367	4.8568	4.8869	4.9284	4.9516	10.042	10.620	.24676
#3	5.0232	4.8301	4.8666	4.9078	4.9228	10.036	10.622	.24690
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4132	26.758	1.0438	2.4053	1.2464	4.7808	2.5198	25.592
Stddev	.0054	.179	.0043	.0050	.0026	.1131	.0021	.321
%RSD	.22539	.66833	.41159	.20866	.20523	2.3652	.08182	1.2525
#1	2.4146	26.655	1.0428	2.4041	1.2476	4.6621	2.5219	25.229
#2	2.4177	26.654	1.0486	2.4108	1.2480	4.8873	2.5198	25.835
#3	2.4072	26.965	1.0402	2.4010	1.2434	4.7928	2.5178	25.712
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6450	1.3003	26.572	2.4421	2.5206	25.483	4.9814	5.0024
Stddev	.0076	.0027	.207	.0006	.0351	.146	.0112	.0302
%RSD	.28635	.20439	.77874	.02549	1.3915	.57416	.22525	.60453
#1	2.6458	1.3007	26.334	2.4428	2.4833	25.324	4.9916	4.9676
#2	2.6522	1.3028	26.677	2.4416	2.5529	25.513	4.9831	5.0179
#3	2.6371	1.2975	26.707	2.4418	2.5257	25.612	4.9694	5.0218
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6904	5.1200	4.8356	4.8295	5.1286	4.962	5.3231	F 3.7112
Stddev	.0279	.0284	.0029	.0458	.0265	.022	.0304	.0343
%RSD	.59385	.55525	.05918	.94876	.51567	.4482	.57128	.92474
#1	4.7013	5.0934	4.8348	4.7776	5.1010	4.981	5.3031	3.6916
#2	4.7111	5.1166	4.8388	4.8644	5.1309	4.969	5.3081	3.7508
#3	4.6587	5.1500	4.8333	4.8465	5.1538	4.938	5.3581	3.6912

Sample Name: CCV08 Acquired: 12/29/2018 19:54:46 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.9109
Stddev .1037
%RSD 3.5629

#1 3.0006
#2 2.7973
#3 2.9347

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3407.5	45133.	4182.4	96.395	3566.7
Stddev	7.0	144.	9.2	1.304	9.0
%RSD	.20617	.32000	.22022	1.3524	.25183

#1	3401.8	45089.	4192.5	97.782	3565.0
#2	3405.5	45017.	4180.1	95.195	3558.6
#3	3415.4	45295.	4174.6	96.208	3576.4

Sample Name: CCB08 Acquired: 12/29/2018 20:06:44 Type: Unk
Method: P4-ICP2(v2688) 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	-.00183	.00062	-.00261	-.00267	-.00092	-.00634	.00341	.00004
Stddev	.00056	.00122	.00012	.00083	.00085	.00612	.00050	.00002
%RSD	30.791	196.31	4.7368	30.895	92.871	96.461	14.585	46.216
#1	-.00119	-.00035	-.00247	-.00290	-.00180	-.00754	.00286	.00006
#2	-.00204	.00022	-.00269	-.00176	-.00010	.00029	.00384	.00004
#3	-.00225	.00199	-.00267	-.00336	-.00085	-.01177	.00352	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00393	.00027	.00009	-.00070	.01046	.00018	-.02208
Stddev	.00005	.01234	.00031	.00008	.00015	.00287	.00001	.01795
%RSD	108.90	313.86	112.13	99.240	21.969	27.432	7.9163	81.297
#1	-.00004	-.01381	.00005	-.00000	-.00076	.01336	.00020	-.00831
#2	-.00010	.00990	.00015	.00009	-.00053	.01039	.00019	-.04238
#3	.00000	-.00788	.00062	.00017	-.00082	.00762	.00017	-.01554
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00089	-.00028	-.08061	-.00027	-.00184	-.02889	-.00023	-.00228
Stddev	.00009	.00005	.01072	.00015	.00008	.02616	.00016	.00167
%RSD	9.8175	16.452	13.299	56.170	4.2883	90.556	72.067	73.008
#1	.00091	-.00033	-.07488	-.00026	-.00184	-.05909	-.00041	-.00418
#2	.00097	-.00024	-.09298	-.00013	-.00193	-.01317	-.00012	-.00158
#3	.00080	-.00026	-.07397	-.00043	-.00177	-.01441	-.00014	-.00108
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00216	.00090	-.00277	.00493	-.00305	-.0020	-.00001	F 2.6324
Stddev	.00146	.00163	.00015	.00114	.00142	.0004	.00002	.2389
%RSD	67.824	182.25	5.4687	23.130	46.730	21.46	249.28	9.0756
#1	-.00052	-.00053	-.00269	.00369	-.00437	-.0025	.00001	2.8309
#2	-.00260	.00268	-.00294	.00516	-.00154	-.0018	-.00002	2.6991
#3	-.00335	.00054	-.00266	.00593	-.00323	-.0018	-.00001	2.3673

Sample Name: CCB08 Acquired: 12/29/2018 20:06:44 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .95304
Stddev	.22490
%RSD	23.598

#1	1.1754
#2	.95810
#3	.72566

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3612.7	48209.	4286.3	102.91	4131.2
Stddev	9.2	818.	41.3	3.70	14.3
%RSD	.25572	1.6972	.96314	3.5936	.34574

#1	3618.2	47530.	4287.3	104.84	4140.3
#2	3617.9	47979.	4327.1	105.25	4138.5
#3	3602.0	49117.	4244.6	98.650	4114.7