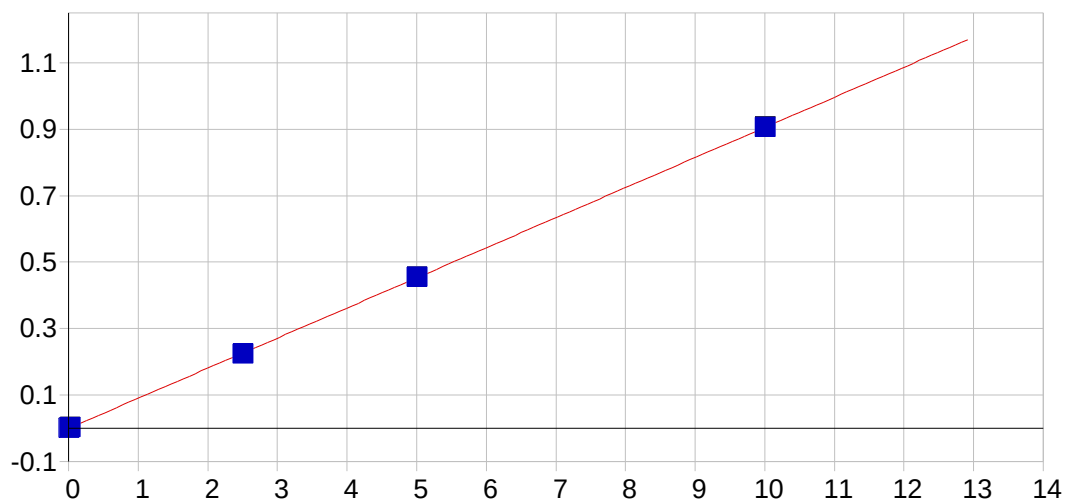


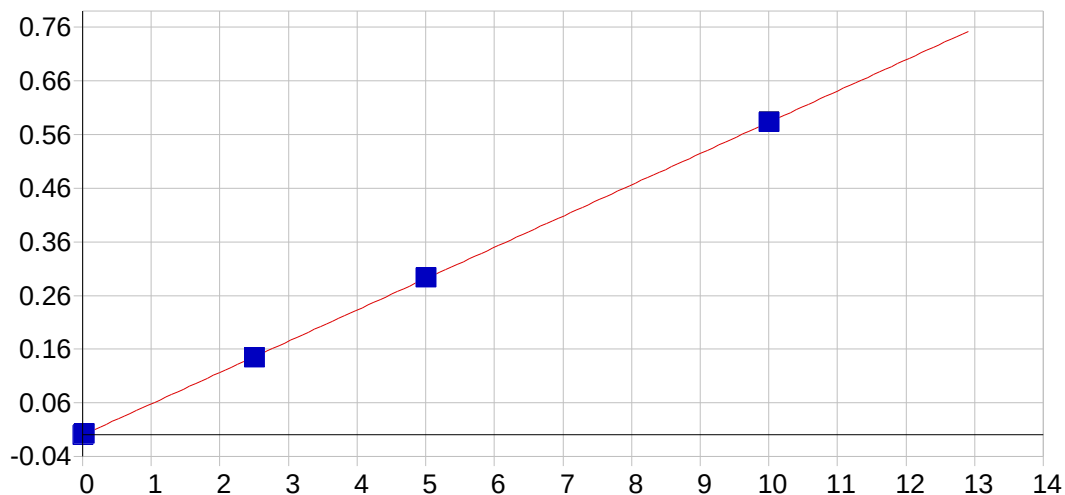


As 189.042 {478}

Date of Fit: 10/31/2018 10:21:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000156 Re-Slope: 1.000000
 A1 (Gain): 0.090563 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999987 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.002617
 Predicted MQL: 0.008724

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00016	.000	1
S1	.02000	.01985	-.000	-.772	.00164	.000	1
S3	2.5000	2.4715	-.029	-1.14	.22365	.000	1
S4	5.0000	5.0241	.024	.483	.45482	.000	1
S5	10.000	10.005	.005	.046	.90583	.001	1



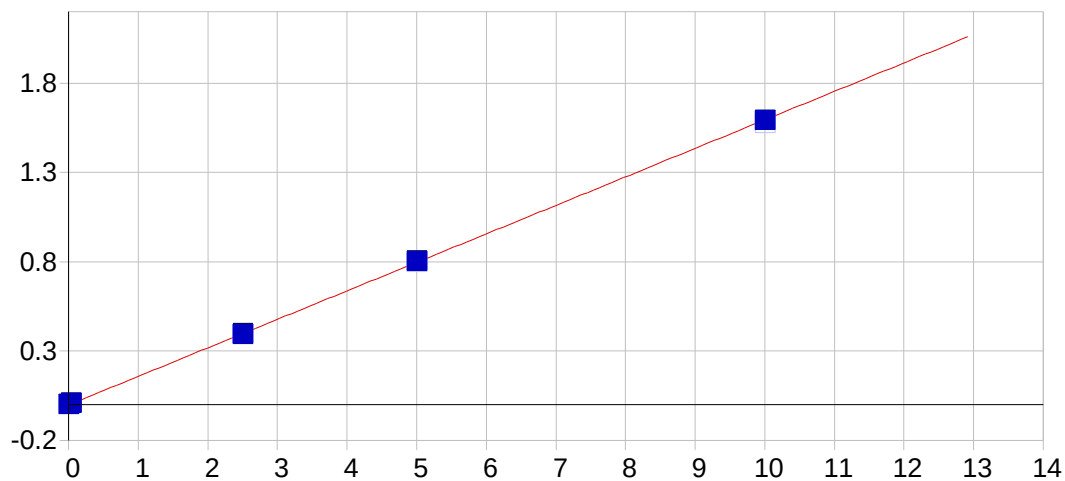
As 189.042 {479}

Date of Fit: 10/31/2018 10:21:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000128 Re-Slope: 1.000000

A1 (Gain): 0.058299 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999969 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.002585
 Predicted MQL: 0.008617

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00013	.000	1
S1	.02000	.02370	.004	18.5	.00125	.000	1
S3	2.5000	2.4720	-.028	-1.12	.14399	.000	1
S4	5.0000	5.0197	.020	.394	.29252	.000	1
S5	10.000	10.005	.005	.046	.58314	.000	1

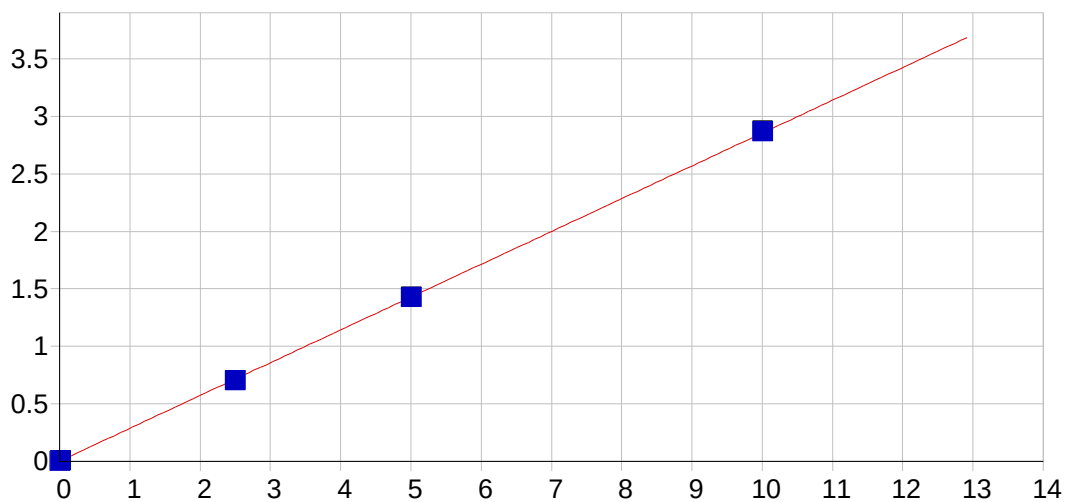


TI 190.856 {477}

Date of Fit: 10/31/2018 10:21:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000811 Re-Slope: 1.000000
 A1 (Gain): 0.159497 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999938 Status: OK.
 Std Error of Est: 0.000060
 Predicted MDL: 0.001236
 Predicted MQL: 0.004121

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00081	.000	1
S1	.04000	.04835	.008	20.9	.00673	.000	1
S3	2.5000	2.4866	-.013	-.535	.39171	.001	1
S4	5.0000	5.0348	.035	.697	.79405	.001	1
S5	10.000	9.9703	-.030	-.297	1.5731	.001	1

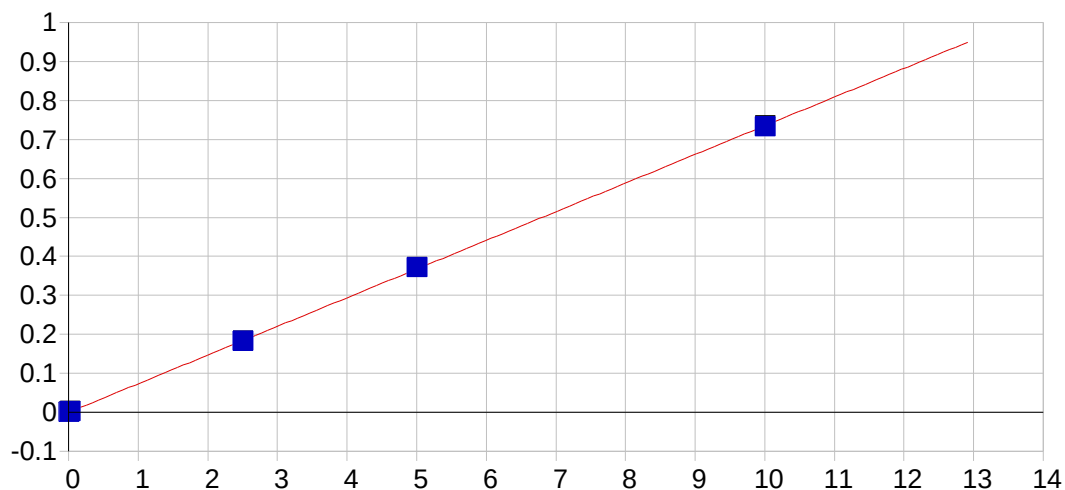


Pb 220.353 {453}

Date of Fit: 10/31/2018 10:21:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002662 Re-Slope: 1.000000
 A1 (Gain): 0.285130 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957 Status: OK.
 Std Error of Est: 0.000049
 Predicted MDL: 0.001070
 Predicted MQL: 0.003567

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00266	.000	1
S1	.01200	.01445	.002	20.4	.00672	.001	1
S3	2.5000	2.4570	-.043	-1.72	.70230	.000	1
S4	5.0000	4.9918	-.008	-.163	1.4241	.000	1
S5	10.000	10.049	.049	.488	2.8641	.003	1



Se 196.090 {472}

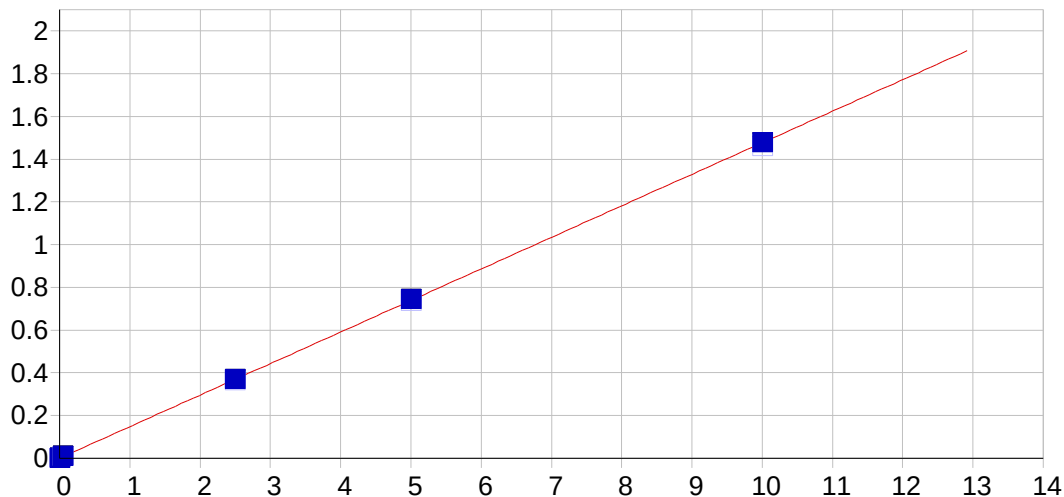
Date of Fit: 10/31/2018 10:21:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000226 Re-Slope: 1.000000
 A1 (Gain): 0.073543 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979
 Std Error of Est: 0.000012
 Predicted MDL: 0.002995
 Predicted MQL: 0.009982

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00023	.000	1
S1	.02000	.02226	.002	11.3	.00141	.000	1
S3	2.5000	2.4915	-.009	-.341	.18298	.000	1
S4	5.0000	5.0411	.041	.823	.37047	.001	1
S5	10.000	9.9651	-.035	-.349	.73255	.001	1



Sb 206.833 {463}

Date of Fit: 10/31/2018 10:21:55

Type of Fit: Linear

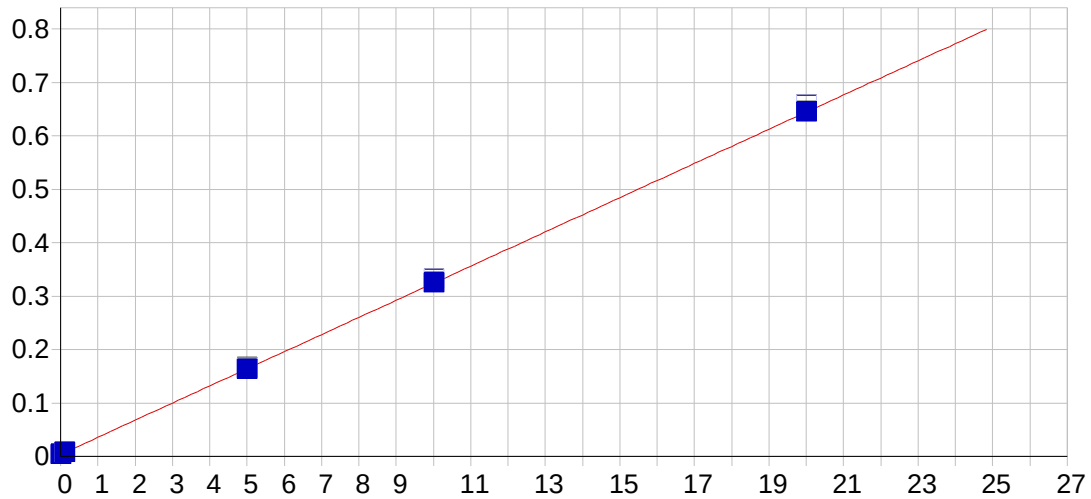
Weighting: 1/Conc

A0 (Offset): 0.000546
 A1 (Gain): 0.147648
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964
 Std Error of Est: 0.000047
 Predicted MDL: 0.001811
 Predicted MQL: 0.006037

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	.00054	.000	1
S1	.05000	.05711	.007	14.2	.00879	.000	1
S3	2.5000	2.4823	-.018	-.707	.36291	.001	1
S4	5.0000	5.0191	.019	.383	.73331	.000	1
S5	10.000	9.9915	-.008	-.085	1.4592	.001	1

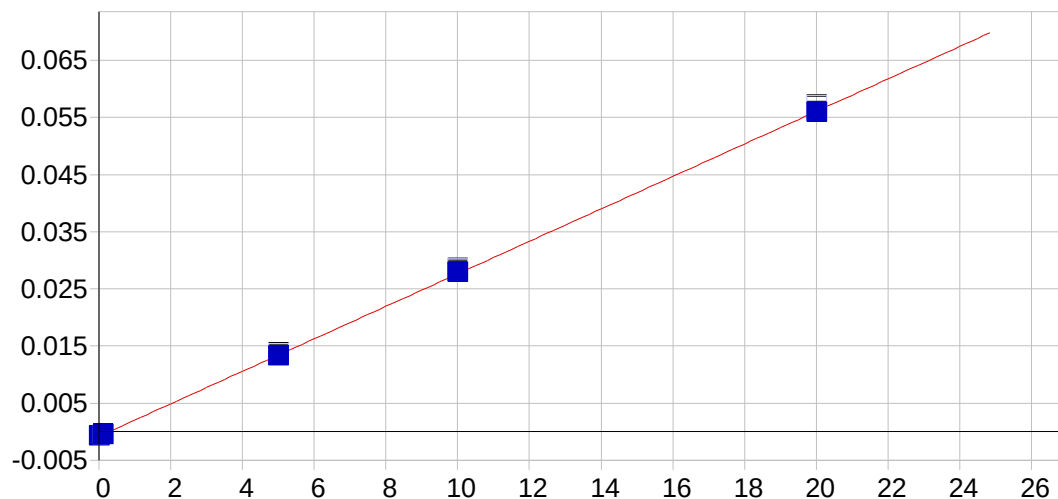


AI 308.215 {109}

Date of Fit: 10/31/2018 10:21:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003741 Re-Slope: 1.000000
 A1 (Gain): 0.032044 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.003768
 Predicted MQL: 0.012559

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00374	.000	1
S1	.10000	.11621	.016	16.2	.00769	.000	1
S3	5.0000	4.9517	-.048	-.967	.16560	.000	1
S4	10.000	10.027	.027	.273	.33143	.001	1
S5	20.000	20.004	.004	.020	.65751	.001	1



AI 309.271 {109}

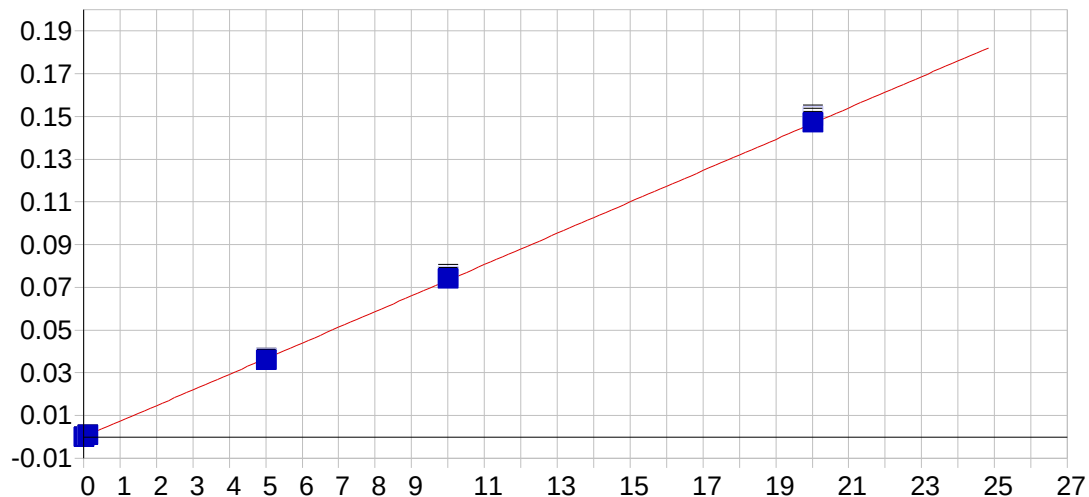
Date of Fit: 10/31/2018 10:21:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000799 Re-Slope: 1.000000
 A1 (Gain): 0.002842 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971
 Std Error of Est: 0.000002
 Predicted MDL: 0.030125
 Predicted MQL: 0.100418

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00080	.000	1
S1	.10000	.10783	.008	7.83	-.00047	.000	1
S3	5.0000	4.9455	-.054	-1.09	.01354	.000	1
S4	10.000	10.090	.090	.902	.02844	.000	1
S5	20.000	19.956	-.044	-.220	.05705	.000	1

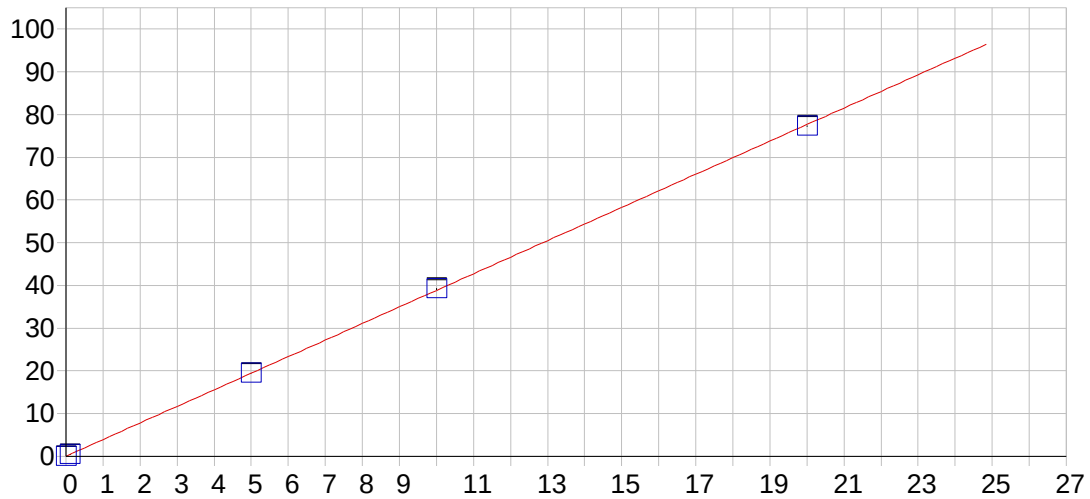


AI 396.152 { 85}

Date of Fit: 10/31/2018 10:21:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000003 Re-Slope: 1.000000
 A1 (Gain): 0.007333 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999942 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.016310
 Predicted MQL: 0.054368

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00000	.000	1
S1	.10000	.11260	.013	12.6	.00087	.000	1
S3	5.0000	4.8941	-.106	-2.12	.03662	.000	1
S4	10.000	10.056	.056	.565	.07520	.001	1
S5	20.000	20.036	.036	.181	.14985	.001	1

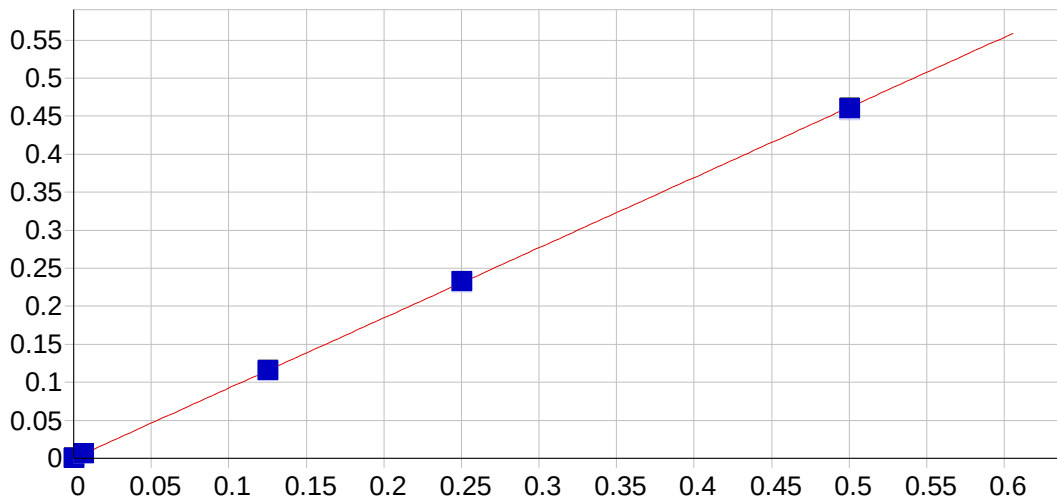


Ba 493.409 { 68}

Date of Fit: 10/31/2018 10:21:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.062579 Re-Slope: 1.000000
 A1 (Gain): 3.880404 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958 Status: OK.
 Std Error of Est: 0.002732
 Predicted MDL: 0.000809
 Predicted MQL: 0.002698

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.06253	.001	1
S1	.10000	.11325	.013	13.2	.50203	.002	1
S3	5.0000	4.9866	-.013	-.268	19.413	.073	1
S5	20.000	19.911	-.089	-.444	77.326	.182	1
S4	10.000	10.089	.089	.889	39.212	.236	1



Be 234.861 {144}

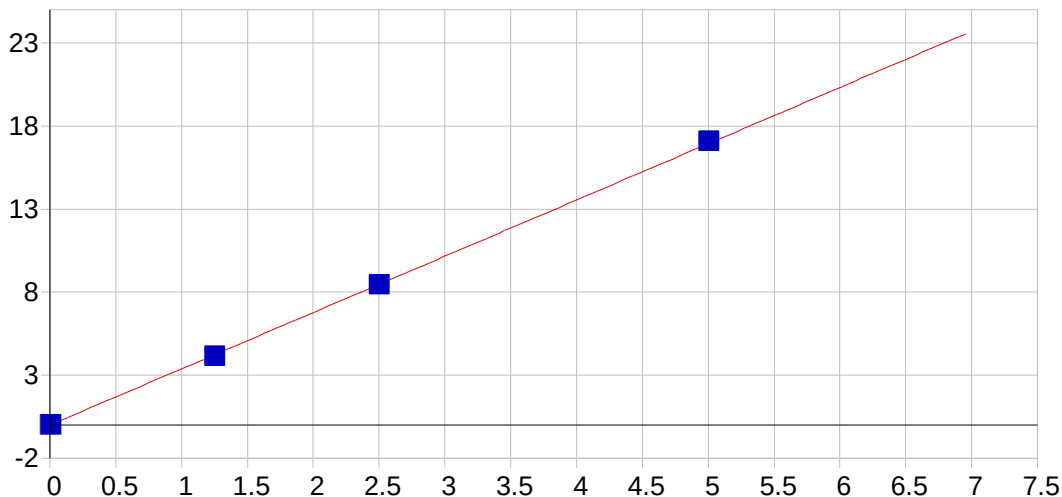
Date of Fit: 10/31/2018 10:21:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000077 Re-Slope: 1.000000
 A1 (Gain): 0.922754 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999959
 Std Error of Est: 0.000025
 Predicted MDL: 0.000082
 Predicted MQL: 0.000272

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00008	.000	1
S1	.00600	.00659	.001	9.89	.00610	.000	1
S3	.12500	.12499	-.000	-.007	.11469	.000	1
S4	.25000	.25123	.001	.493	.23045	.001	1
S5	.50000	.49818	-.002	-.363	.45688	.001	1



Cd 226.502 {449}

Date of Fit: 10/31/2018 10:21:55

Type of Fit: Linear

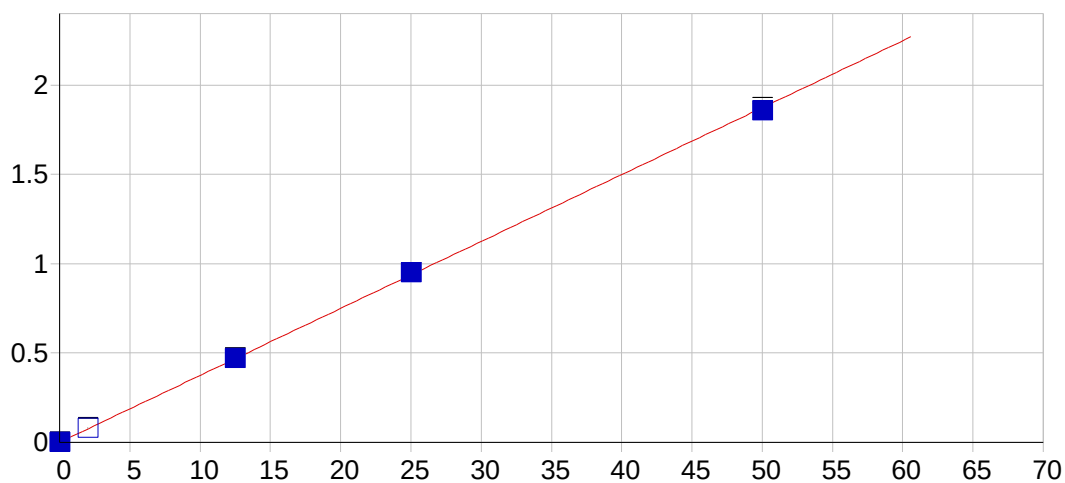
Weighting: 1/Conc

A0 (Offset): -0.000945
 A1 (Gain): 3.386593
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999932
 Std Error of Est: 0.000370
 Predicted MDL: 0.000095
 Predicted MQL: 0.000318

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	-.00095	.000	1
S1	.00600	.00616	.000	2.64	.01995	.001	1
S3	1.2500	1.2172	-.033	-2.62	4.1222	.000	1
S4	2.5000	2.4932	-.007	-.271	8.4445	.010	1
S5	5.0000	5.0394	.039	.788	17.069	.007	1

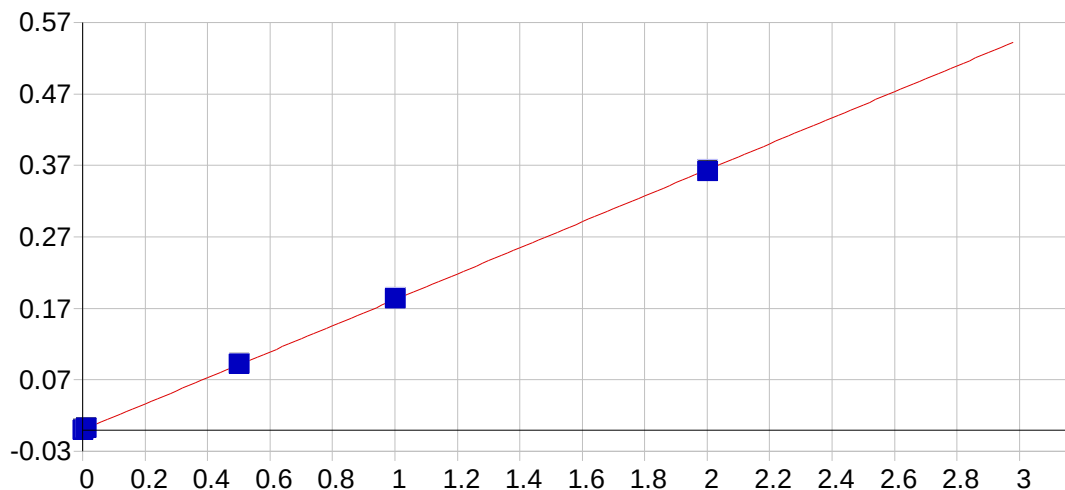


Ca 373.690 { 90}

Date of Fit: 10/31/2018 10:21:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000588 Re-Slope: 1.000000
 A1 (Gain): 0.037457 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999918 Status: OK.
 Std Error of Est: 0.000262
 Predicted MDL: 0.023551
 Predicted MQL: 0.078502

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1138	.114	5.69	.07976	.001	1
S0	.00000	-.00013	-.000	.000	.00058	.000	1
S3	12.500	12.545	.045	.361	.47073	.003	1
S4	25.000	25.306	.306	1.22	.94896	.000	1
S5	50.000	49.535	-.465	-.929	1.8570	.016	1



Cr 267.716 {126}

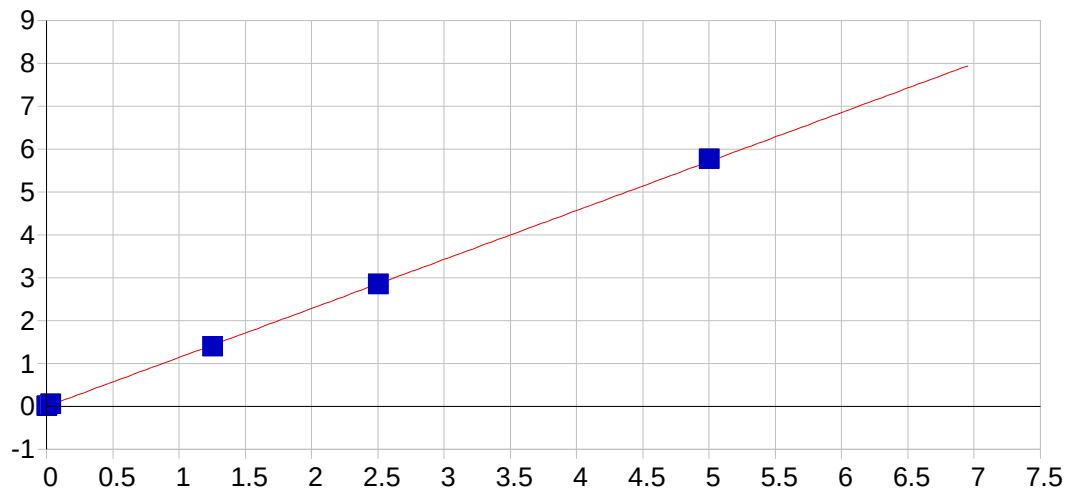
Date of Fit: 10/31/2018 10:21:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000010 Re-Slope: 1.000000
 A1 (Gain): 0.181939 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999927
 Std Error of Est: 0.000017
 Predicted MDL: 0.000534
 Predicted MQL: 0.001779

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00001	.000	1
S1	.01000	.01171	.002	17.1	.00213	.000	1
S3	.50000	.50478	.005	.955	.09251	.000	1
S4	1.0000	1.0086	.009	.857	.18485	.000	1
S5	2.0000	1.9850	-.015	-.752	.36385	.001	1



Co 228.616 {447}

Date of Fit: 10/31/2018 10:21:55

Type of Fit: Linear

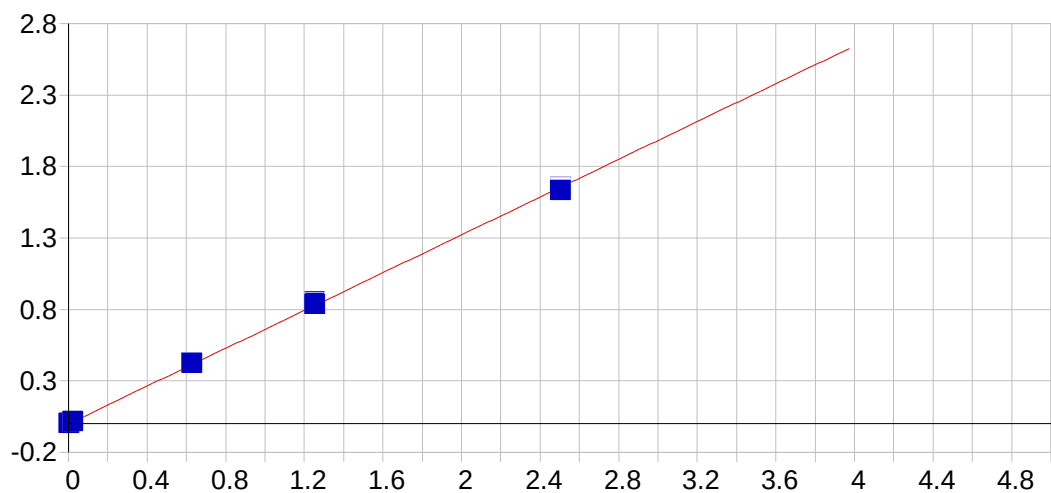
Weighting: 1/Conc

A0 (Offset): -0.000339
 A1 (Gain): 1.142554
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999896
 Std Error of Est: 0.000345
 Predicted MDL: 0.000256
 Predicted MQL: 0.000854

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	-.00034	.000	1
S1	.03000	.03482	.005	16.1	.03921	.001	1
S3	1.2500	1.2199	-.030	-2.40	1.3946	.000	1
S4	2.5000	2.4881	-.012	-.475	2.8447	.003	1
S5	5.0000	5.0371	.037	.743	5.7594	.007	1

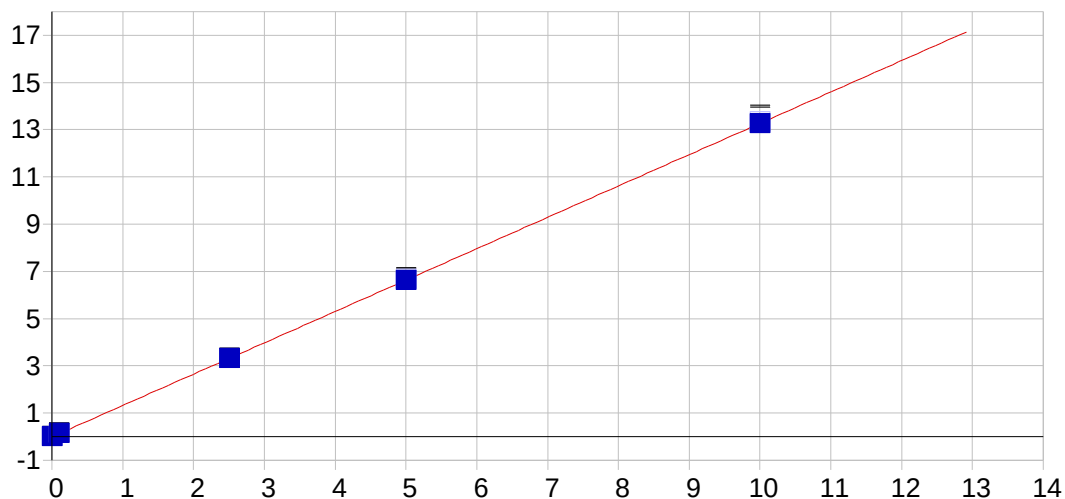


Cu 224.700 {450}

Date of Fit: 10/31/2018 10:21:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000409 Re-Slope: 1.000000
 A1 (Gain): 0.661025 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999881 Status: OK.
 Std Error of Est: 0.000126
 Predicted MDL: 0.000538
 Predicted MQL: 0.001794

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00041	.000	1
S1	.02000	.02265	.003	13.3	.01476	.000	1
S3	.62500	.63724	.012	1.96	.42734	.001	1
S4	1.2500	1.2640	.014	1.12	.84816	.002	1
S5	2.5000	2.4711	-.029	-1.16	1.6591	.000	1



Fe 240.488 {140}

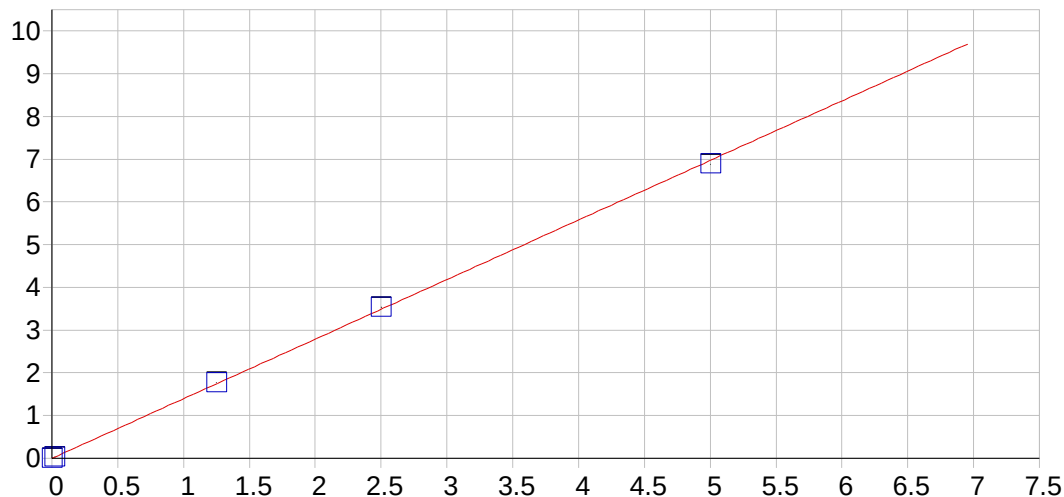
Date of Fit: 10/31/2018 10:21:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.008404 Re-Slope: 1.000000
 A1 (Gain): 1.328159 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999894
 Std Error of Est: 0.001050
 Predicted MDL: 0.008465
 Predicted MQL: 0.028217

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00843	.007	1
S1	.10000	.11927	.019	19.3	.15065	.011	1
S3	2.5000	2.4917	-.008	-.333	3.3176	.003	1
S4	5.0000	4.9975	-.003	-.051	6.6624	.067	1
S5	10.000	9.9916	-.008	-.084	13.329	.277	1



Mn 257.610 {131}

Date of Fit: 10/31/2018 10:21:55

Type of Fit: Linear

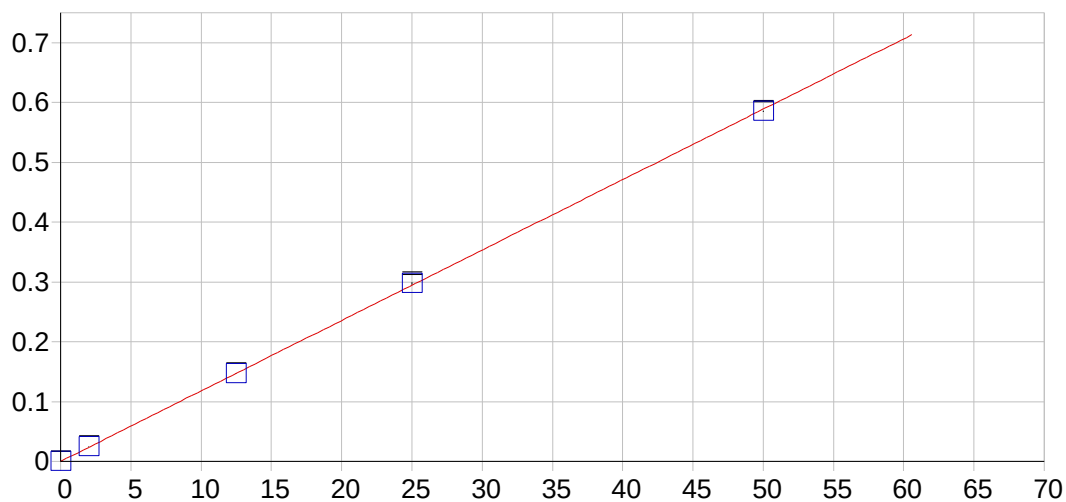
Weighting: 1/Conc

A0 (Offset): 0.000100
 A1 (Gain): 1.394314
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999872
 Std Error of Est: 0.000381
 Predicted MDL: 0.000070
 Predicted MQL: 0.000232

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	.00009	.000	1
S1	.02000	.02380	.004	19.0	.03329	.000	1
S3	1.2500	1.2696	.020	1.57	1.7704	.006	1
S4	2.5000	2.5357	.036	1.43	3.5357	.007	1
S5	5.0000	4.9408	-.059	-1.18	6.8891	.007	1

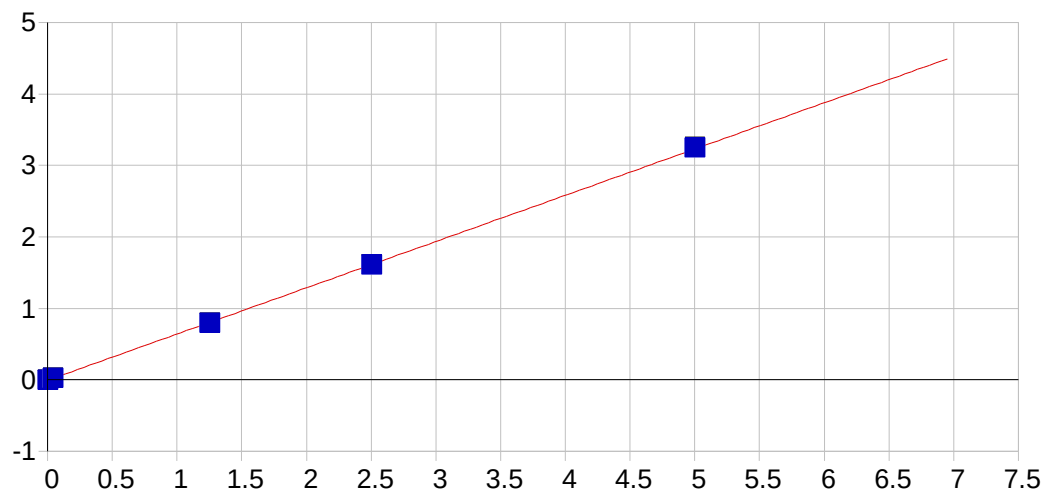


Mg 279.079 {121}

Date of Fit: 10/31/2018 10:21:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000080 Re-Slope: 1.000000
 A1 (Gain): 0.011774 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999933 Status: OK.
 Std Error of Est: 0.000074
 Predicted MDL: 0.040356
 Predicted MQL: 0.134521

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1279	.128	6.40	.02513	.000	1
S0	.00000	-.00013	-.000	.000	.00008	.000	1
S3	12.500	12.459	-.041	-.327	.14677	.001	1
S4	25.000	25.214	.214	.857	.29694	.002	1
S5	50.000	49.699	-.301	-.603	.58522	.001	1



Ni 231.604 {445}

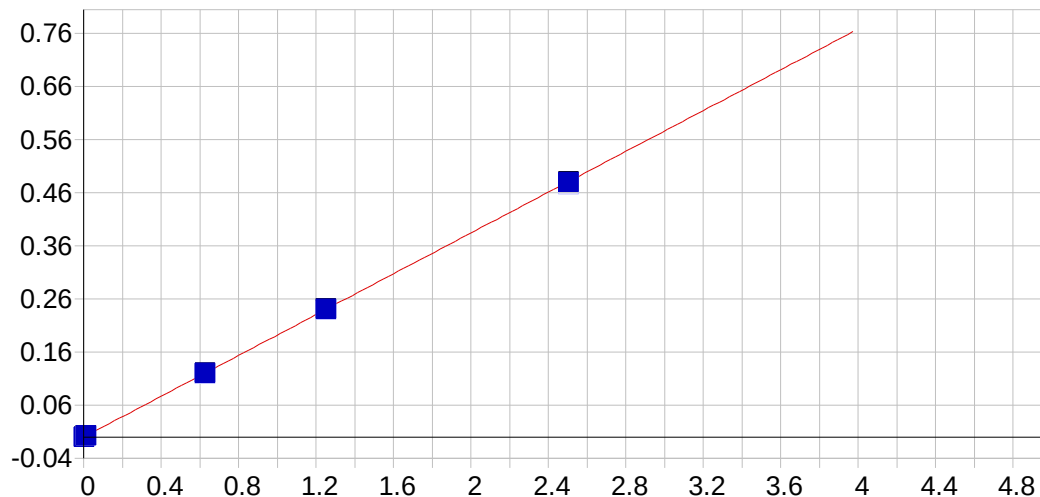
Date of Fit: 10/31/2018 10:21:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006535 Re-Slope: 1.000000
 A1 (Gain): 0.647188 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999932
 Std Error of Est: 0.000183
 Predicted MDL: 0.000475
 Predicted MQL: 0.001584

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00654	.000	1
S1	.04000	.04528	.005	13.2	.02278	.000	1
S3	1.2500	1.2283	-.022	-1.74	.78929	.001	1
S4	2.5000	2.4929	-.007	-.285	1.6086	.001	1
S5	5.0000	5.0235	.024	.471	3.2482	.002	1

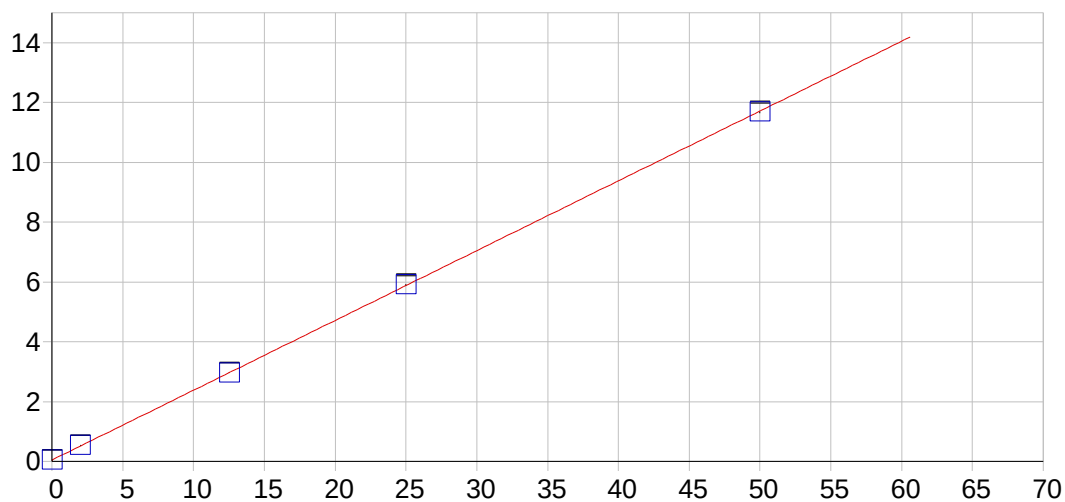


Ag 328.068 {103}

Date of Fit: 10/31/2018 10:21:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000021 Re-Slope: 1.000000
 A1 (Gain): 0.192200 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.000754
 Predicted MQL: 0.002512

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00002	.000	1
S1	.01000	.01114	.001	11.4	.00208	.000	1
S3	.62500	.62362	-.001	-.221	.11848	.000	1
S4	1.2500	1.2526	.003	.209	.23800	.000	1
S5	2.5000	2.4976	-.002	-.094	.47457	.000	1

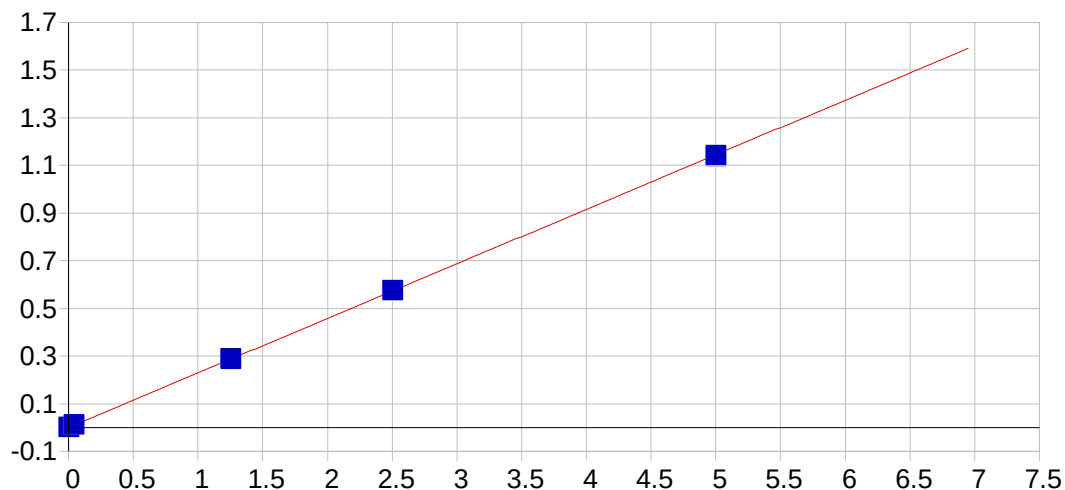


Na 589.592 { 57}

Date of Fit: 10/31/2018 10:21:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.044553 Re-Slope: 1.000000
 A1 (Gain): 0.233414 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967 Status: OK.
 Std Error of Est: 0.001028
 Predicted MDL: 0.011720
 Predicted MQL: 0.039068

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0994	.099	4.97	.53459	.005	1
S0	.00000	-.00010	-.000	.000	.04453	.002	1
S3	12.500	12.491	-.009	-.073	2.9601	.008	1
S4	25.000	25.083	.083	.332	5.8993	.031	1
S5	50.000	49.827	-.173	-.346	11.675	.025	1



V 292.402 {115}

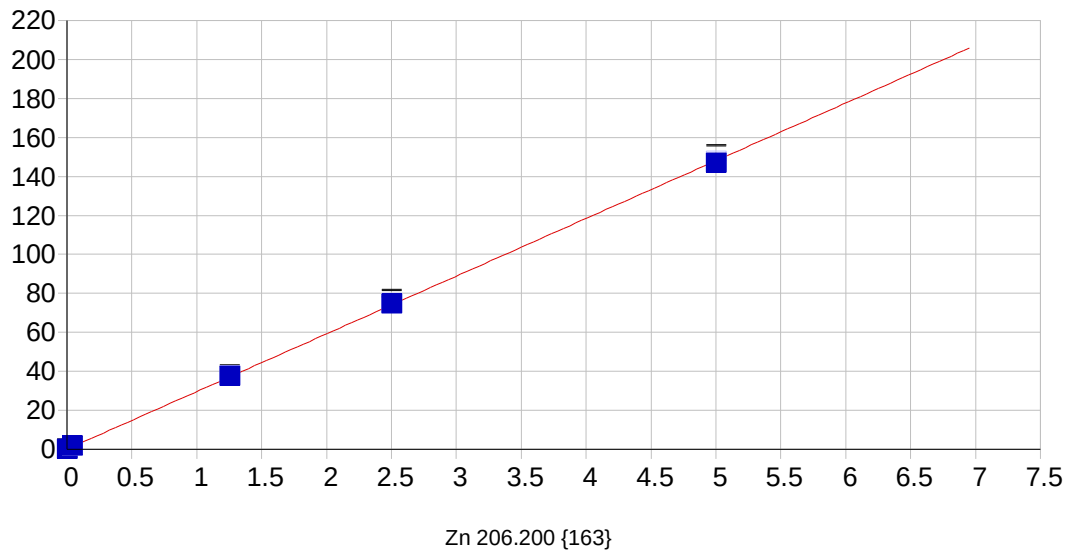
Date of Fit: 10/31/2018 10:21:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000060 Re-Slope: 1.000000
 A1 (Gain): 0.228958 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999911
 Std Error of Est: 0.000073
 Predicted MDL: 0.000556
 Predicted MQL: 0.001853

Status: OK.

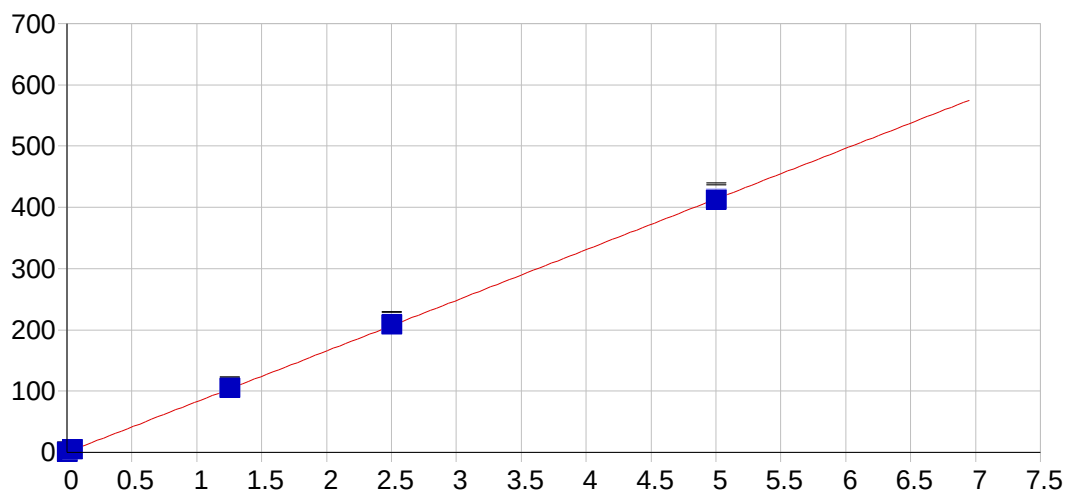
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00006	.000	1
S1	.04000	.04752	.008	18.8	.01068	.000	1
S3	1.2500	1.2537	.004	.297	.28512	.000	1
S4	2.5000	2.5088	.009	.351	.57060	.001	1
S5	5.0000	4.9801	-.020	-.399	1.1327	.000	1



Date of Fit: 10/31/2018 10:21:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.045422 Re-Slope: 1.000000
 A1 (Gain): 29.602860 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999711 Status: OK.
 Std Error of Est: 0.017312
 Predicted MDL: 0.000497
 Predicted MQL: 0.001655

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.04502	.001	1
S1	.04000	.05328	.013	33.2	1.6305	.013	1
S3	1.2500	1.2657	.016	1.26	37.738	.372	1
S4	2.5000	2.5165	.017	.660	74.989	1.72	1
S5	5.0000	4.9545	-.046	-.910	147.61	3.51	1

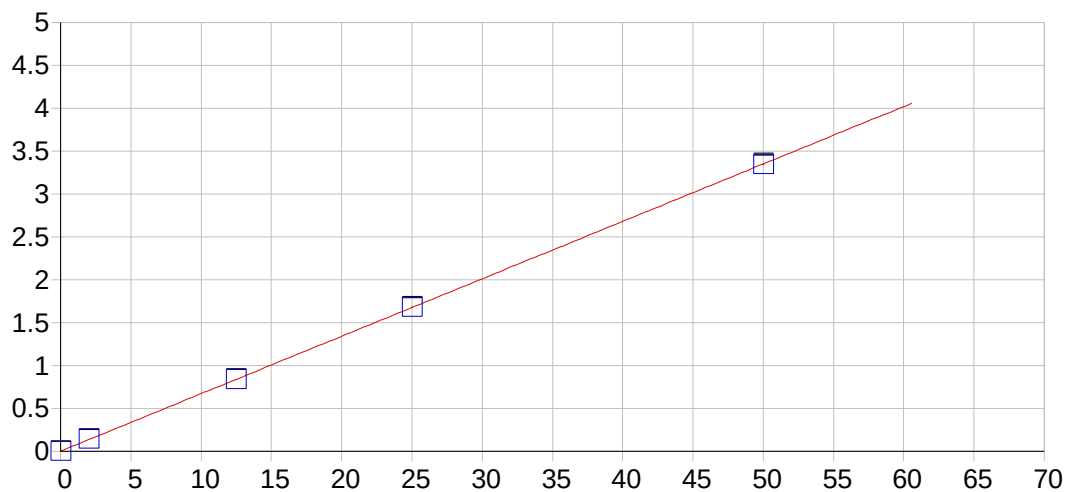


Zn 213.856 {458}

Date of Fit: 10/31/2018 10:21:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.132841 Re-Slope: 1.000000
 A1 (Gain): 82.684979 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999760 Status: OK.
 Std Error of Est: 0.044128
 Predicted MDL: 0.000091
 Predicted MQL: 0.000303

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.13178	.000	1
S1	.04000	.05267	.013	31.7	4.5094	.036	1
S3	1.2500	1.2594	.009	.751	104.89	1.69	1
S4	2.5000	2.5071	.007	.284	208.68	4.58	1
S5	5.0000	4.9708	-.029	-.583	413.65	9.02	1



K 766.490 {44}

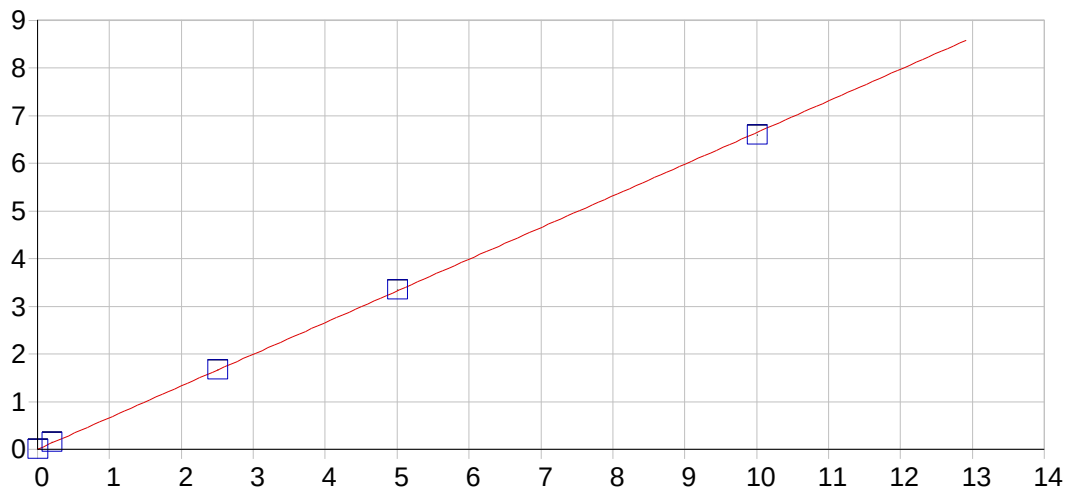
Date of Fit: 10/31/2018 10:21:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002036 Re-Slope: 1.000000
 A1 (Gain): 0.066972 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999996
 Std Error of Est: 0.000103
 Predicted MDL: 0.043613
 Predicted MQL: 0.145378

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0332	.033	1.66	.13820	.000	1
S0	.00000	-.00003	-.000	.000	.00203	.000	1
S3	12.500	12.495	-.005	-.043	.83882	.002	1
S4	25.000	25.039	.039	.158	1.6790	.010	1
S5	50.000	49.933	-.067	-.135	3.3461	.012	1



Mo 202.030 {467}

Date of Fit: 10/31/2018 10:21:55

Type of Fit: Linear

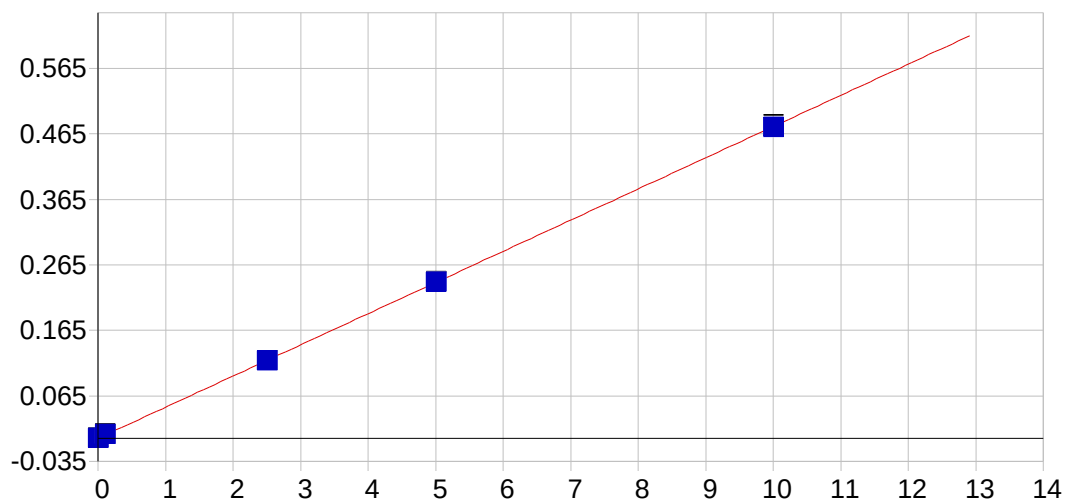
Weighting: 1/Conc

A0 (Offset): 0.000285
 A1 (Gain): 0.664339
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999924
 Std Error of Est: 0.000627
 Predicted MDL: 0.000325
 Predicted MQL: 0.001082

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00027	.000	1
S1	.20000	.21920	.019	9.60	.14591	.003	1
S3	2.5000	2.5132	.013	.529	1.6699	.000	1
S4	5.0000	5.0373	.037	.745	3.3467	.001	1
S5	10.000	9.9303	-.070	-.697	6.5974	.001	1

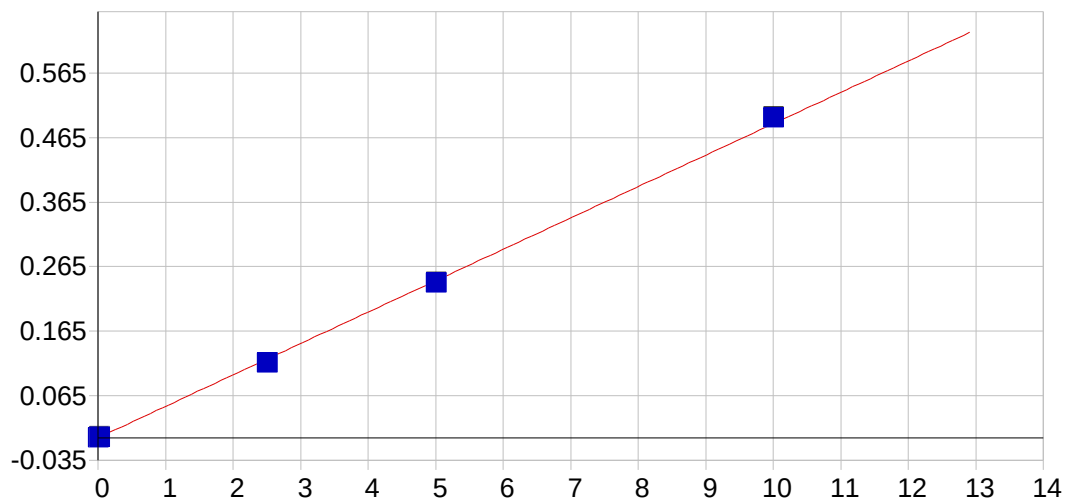


B 249.678 {135}

Date of Fit: 10/31/2018 10:21:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000040 Re-Slope: 1.000000
 A1 (Gain): 0.047614 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999861 Status: OK.
 Std Error of Est: 0.000043
 Predicted MDL: 0.008291
 Predicted MQL: 0.027635

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00004	.000	1
S1	.10000	.12168	.022	21.7	.00581	.001	1
S3	2.5000	2.4903	-.010	-.386	.11834	.000	1
S4	5.0000	5.0154	.015	.308	.23829	.000	1
S5	10.000	9.9726	-.027	-.274	.47376	.004	1



S 182.034 {485}

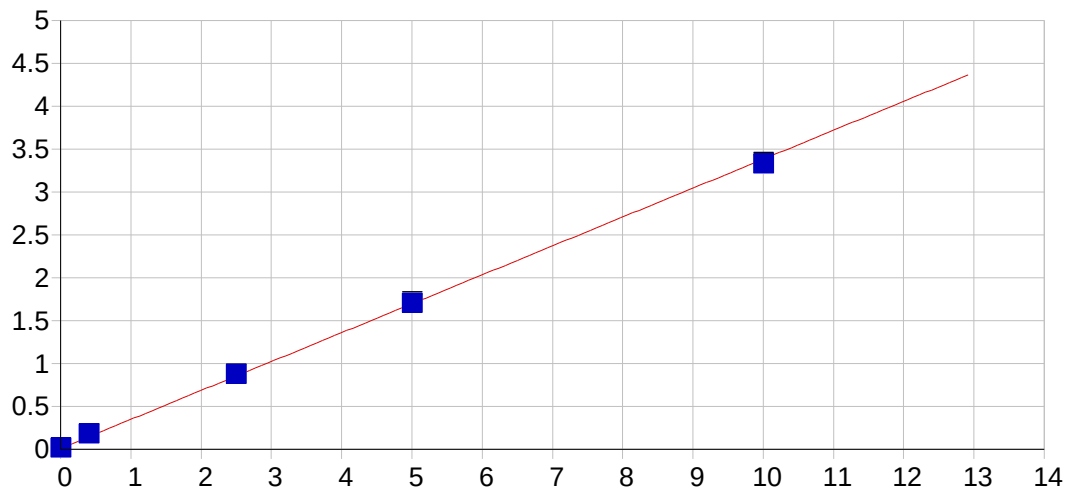
Date of Fit: 10/31/2018 10:21:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000066 Re-Slope: 1.000000
 A1 (Gain): 0.048629 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999651
 Std Error of Est: 0.000031
 Predicted MDL: 0.003186
 Predicted MQL: 0.010620

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	.02507	.005	25.3	.00112	.000	1
S3	2.5000	2.3749	-.125	-5.00	.11529	.000	1
S4	5.0000	4.9288	-.071	-1.42	.23935	.001	1
S5	10.000	10.191	.191	1.91	.49498	.001	1



Si 288.158 {117}

Date of Fit: 10/31/2018 10:21:55

Type of Fit: Linear

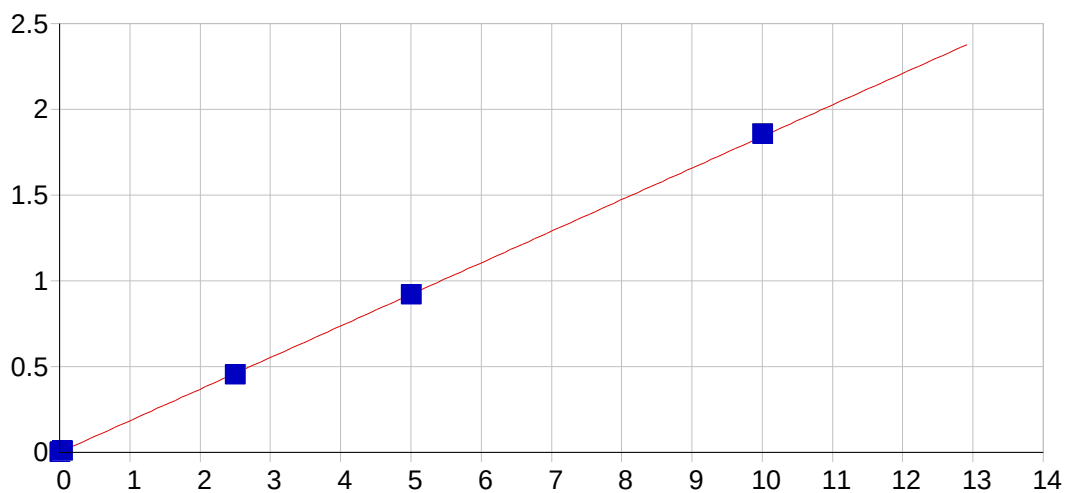
Weighting: 1/Conc

A0 (Offset): 0.011692
 A1 (Gain): 0.337115
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999255
 Std Error of Est: 0.001420
 Predicted MDL: 0.003135
 Predicted MQL: 0.010450

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	-.00010	-.000	.000	.01166	.000	1
S1	.40000	.49428	.094	23.6	.17821	.003	1
S3	2.5000	2.5623	.062	2.49	.87502	.001	1
S4	5.0000	5.0116	.012	.232	1.7003	.017	1
S5	10.000	9.8319	-.168	-1.68	3.3244	.016	1

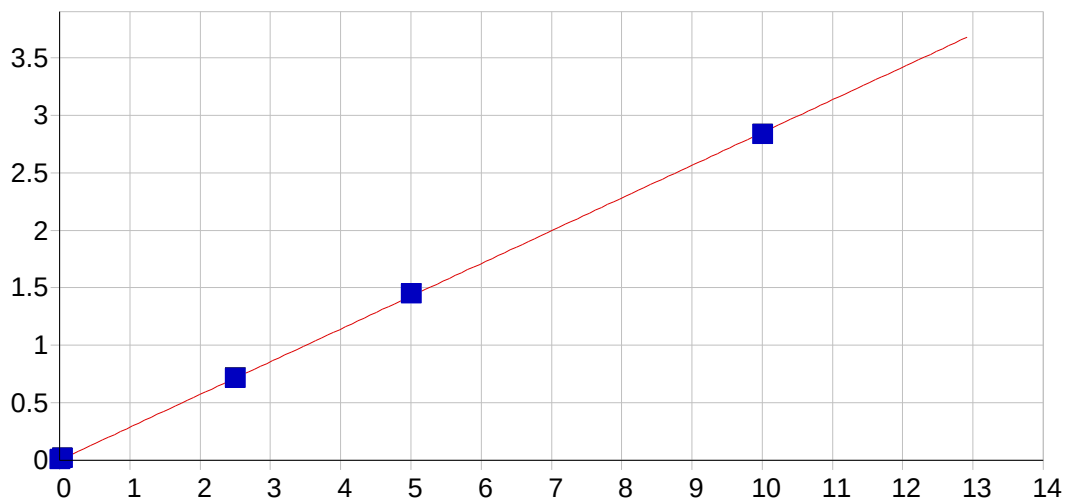


Sn 189.989 {477}

Date of Fit: 10/31/2018 10:21:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000460 Re-Slope: 1.000000
 A1 (Gain): 0.184121 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999932 Status: OK.
 Std Error of Est: 0.000073
 Predicted MDL: 0.000769
 Predicted MQL: 0.002564

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00046	.000	1
S1	.04000	.04496	.005	12.4	.00874	.000	1
S3	2.5000	2.4443	-.056	-2.23	.45058	.000	1
S4	5.0000	4.9830	-.017	-.340	.91809	.001	1
S5	10.000	10.068	.068	.678	1.8545	.000	1



Ti 336.121 {100}

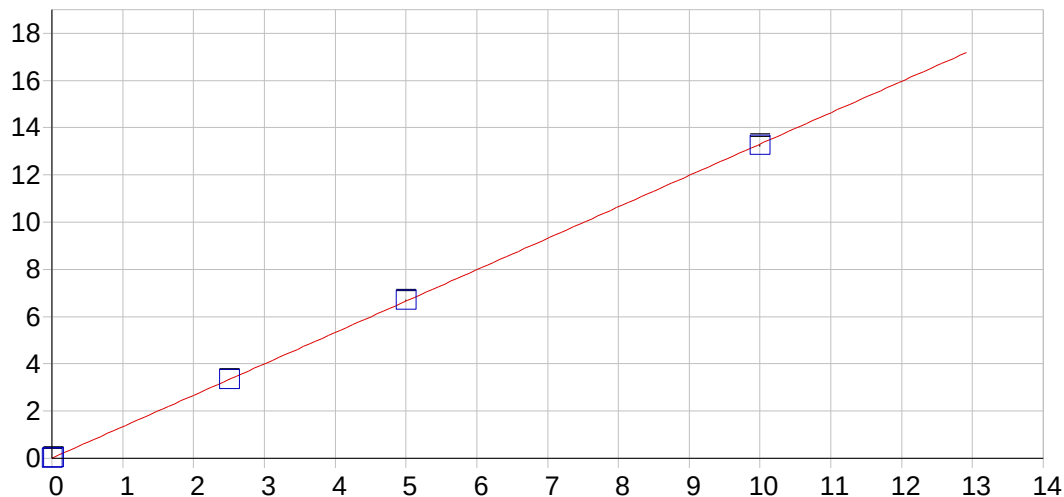
Date of Fit: 10/31/2018 10:21:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003228 Re-Slope: 1.000000
 A1 (Gain): 0.284564 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999939
 Std Error of Est: 0.000107
 Predicted MDL: 0.002381
 Predicted MQL: 0.007936

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00323	.001	1
S1	.04000	.04570	.006	14.2	.01623	.000	1
S3	2.5000	2.4897	-.010	-.410	.71163	.005	1
S4	5.0000	5.0670	.067	1.34	1.4449	.004	1
S5	10.000	9.9376	-.062	-.624	2.8307	.003	1



Li 670.784 { 50}

Date of Fit: 10/31/2018 10:21:55

Type of Fit: Linear

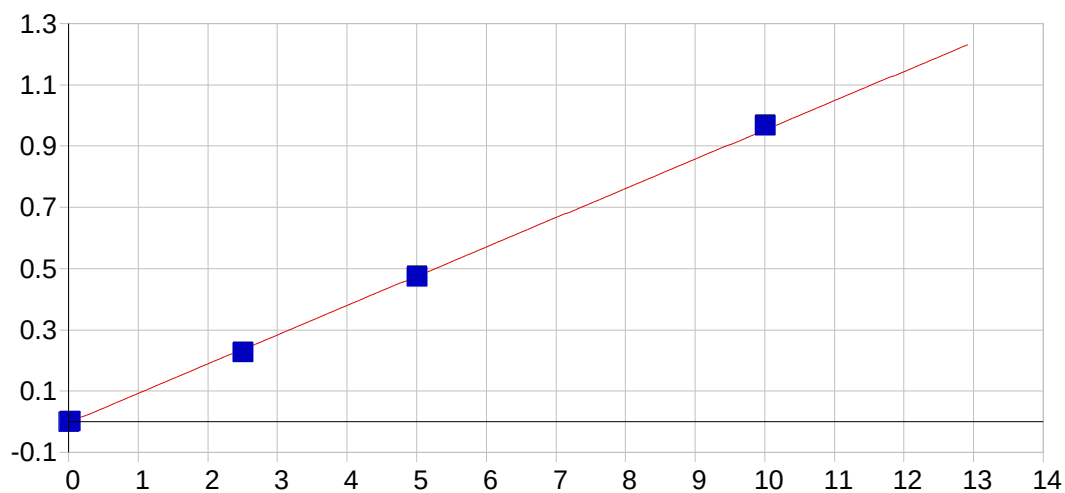
Weighting: 1/Conc

A0 (Offset): 0.008275
 A1 (Gain): 1.329813
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968
 Std Error of Est: 0.000256
 Predicted MDL: 0.002118
 Predicted MQL: 0.007061

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	.00827	.000	1
S1	.02000	.02384	.004	19.2	.03998	.001	1
S3	2.5000	2.5103	.010	.413	3.3465	.006	1
S4	5.0000	5.0279	.028	.558	6.6944	.023	1
S5	10.000	9.9579	-.042	-.421	13.250	.050	1

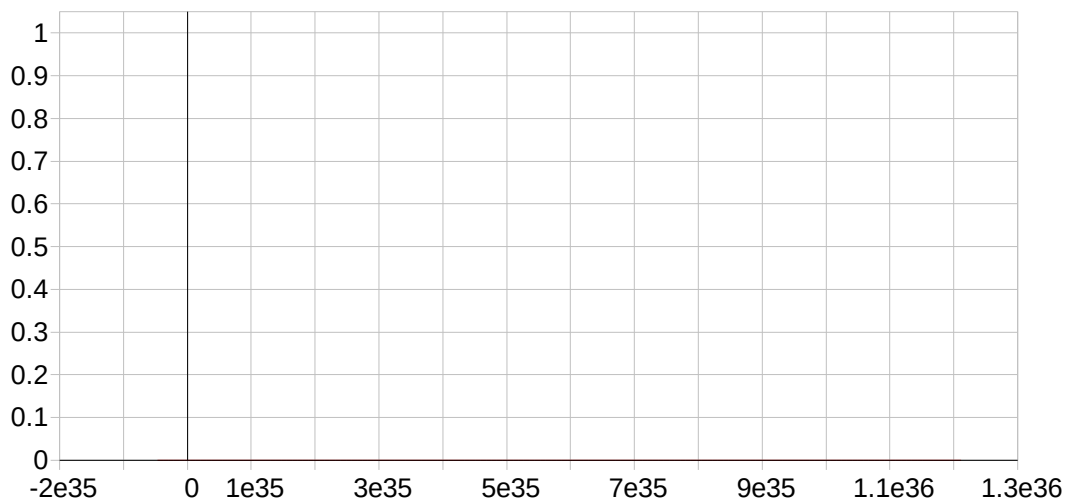


P 177.495 {490}

Date of Fit: 10/31/2018 10:21:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002665 Re-Slope: 1.000000
 A1 (Gain): 0.095540 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999780 Status: OK.
 Std Error of Est: 0.000048
 Predicted MDL: 0.001614
 Predicted MQL: 0.005380

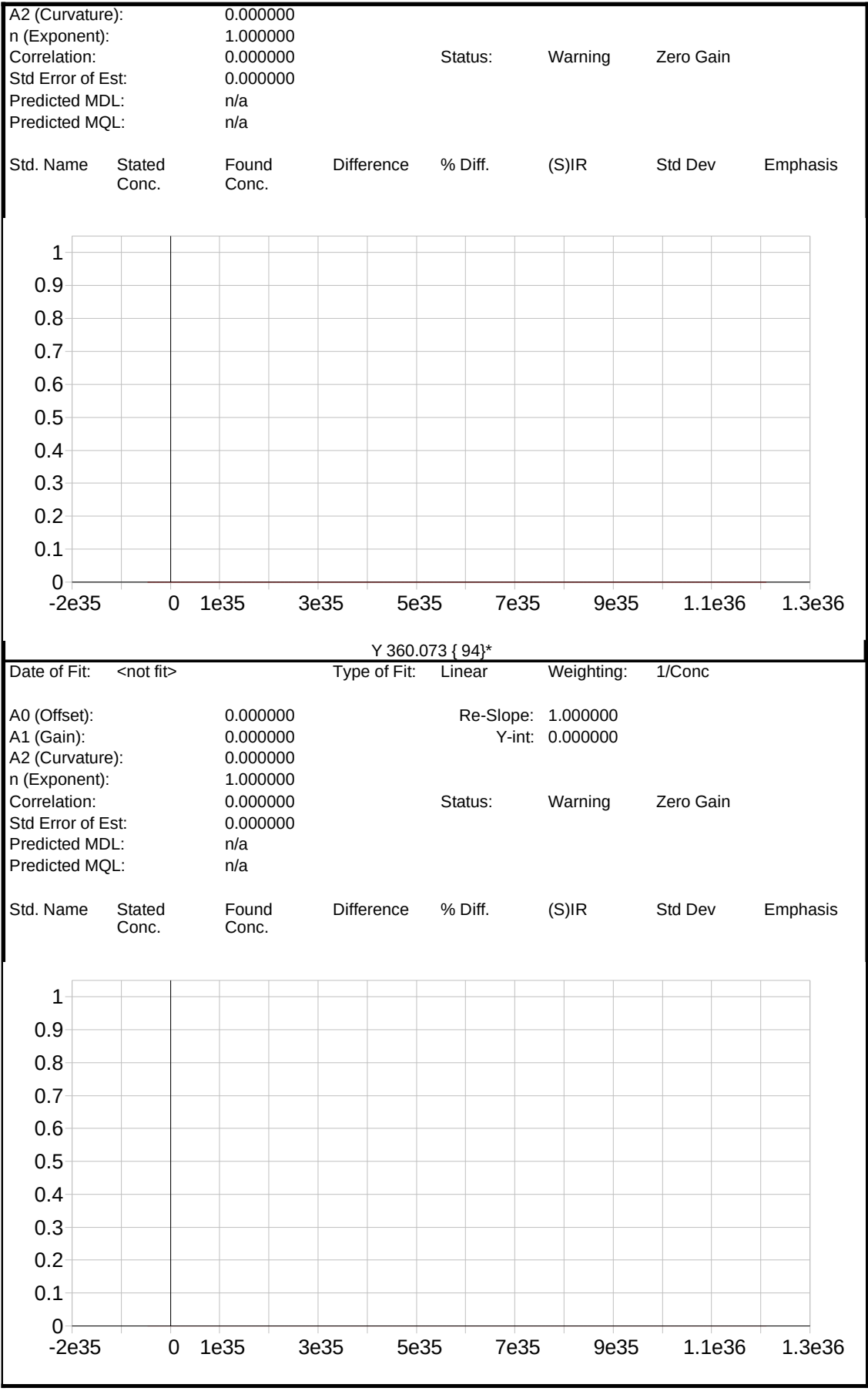
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00267	.000	1
S1	.02000	.02157	.002	7.86	-.00061	.000	1
S3	2.5000	2.3855	-.115	-4.58	.22490	.001	1
S4	5.0000	4.9681	-.032	-.637	.47130	.002	1
S5	10.000	10.145	.145	1.45	.96519	.002	1

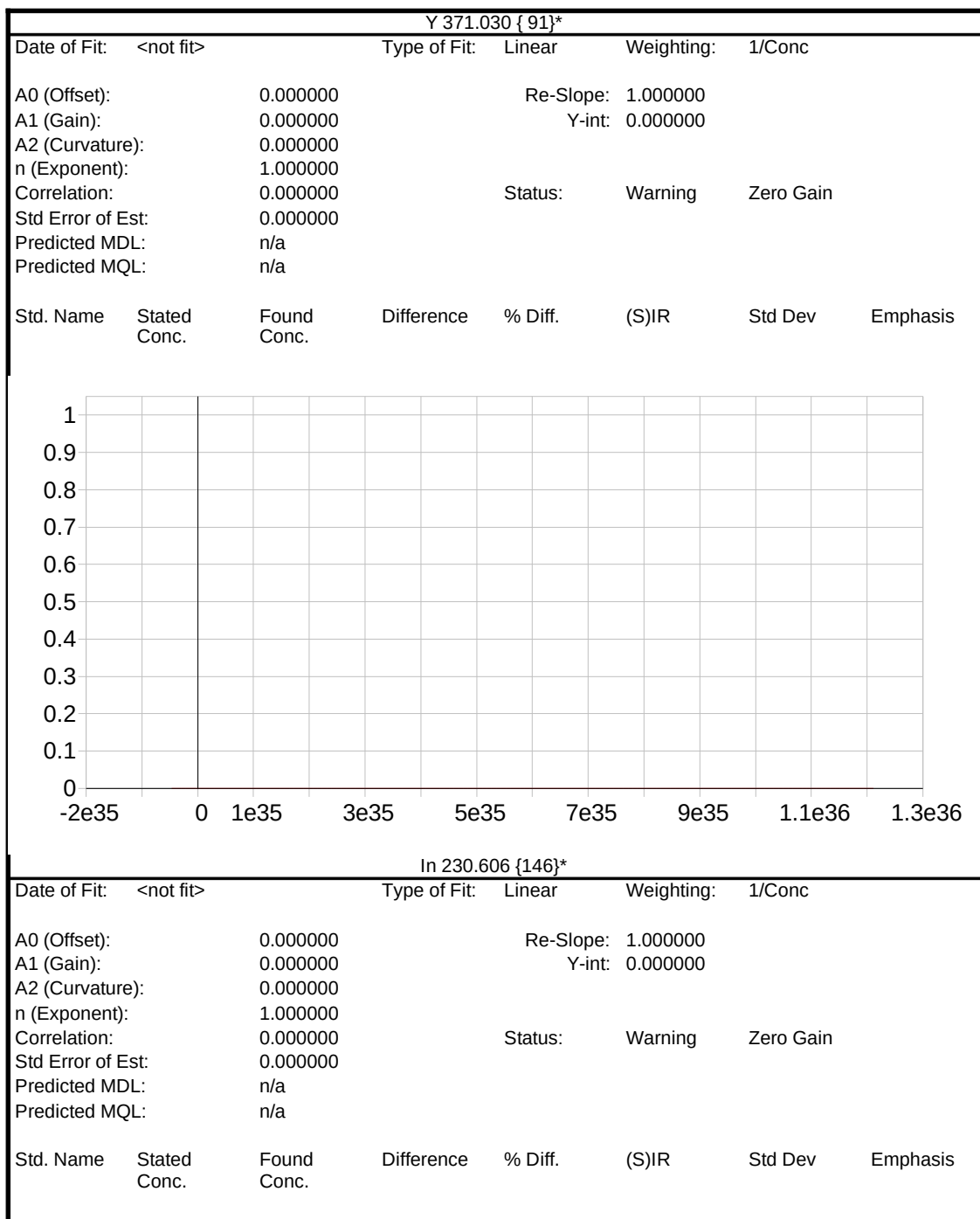


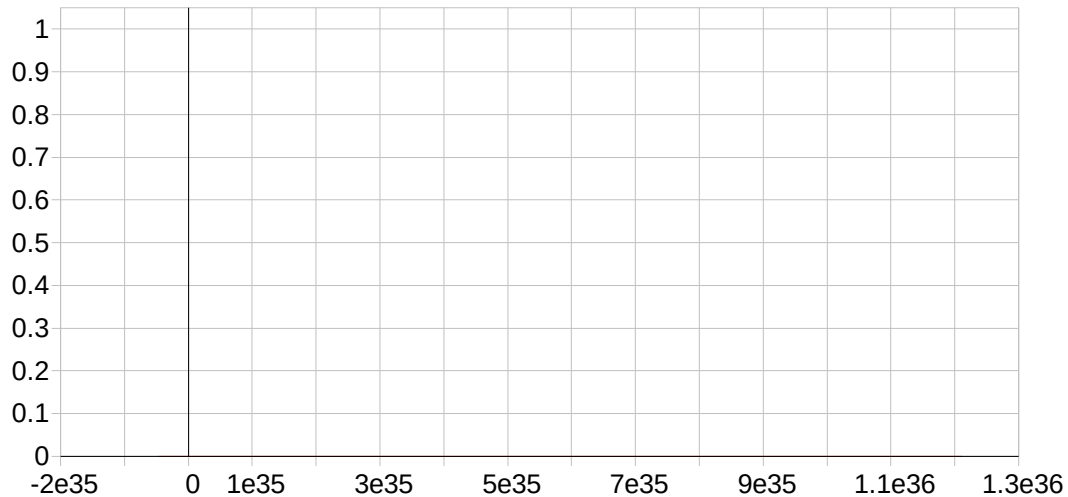
Y 224.306 {450}*

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

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







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

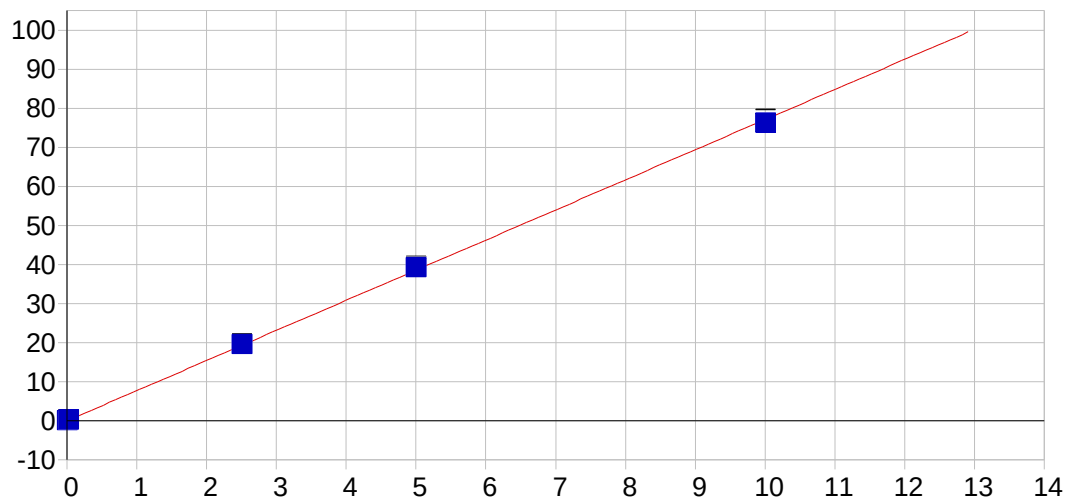
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Sr 407.771 { 83}

Date of Fit: 10/31/2018 10:21:55

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.006333

Re-Slope: 1.000000

A1 (Gain): 7.706924

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999897

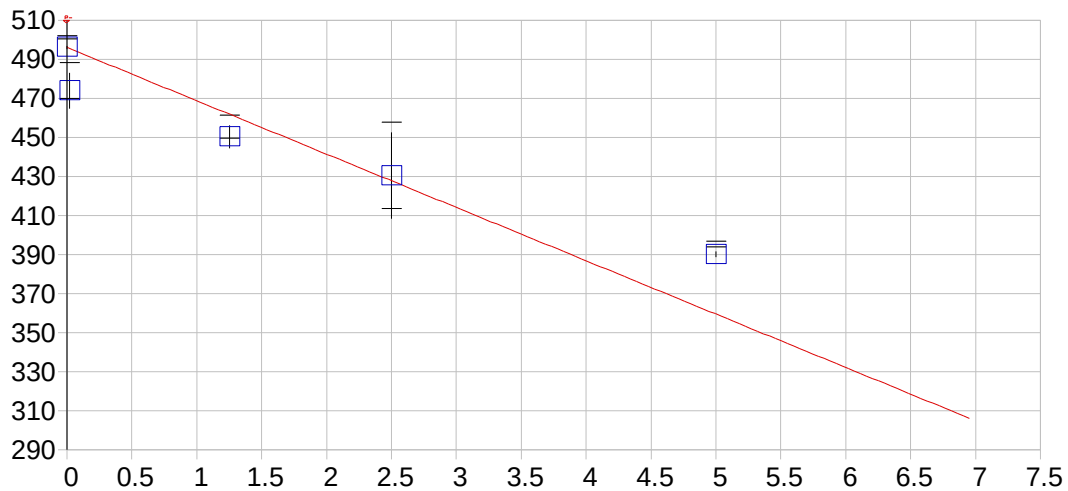
Status: OK.

Std Error of Est: 0.002673

Predicted MDL: 0.000152

Predicted MQL: 0.000507

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00635	.001	1
S1	.02000	.02251	.003	12.6	.16803	.000	1
S3	2.5000	2.5288	.029	1.15	19.504	.077	1
S4	5.0000	5.0878	.088	1.76	39.247	.291	1
S5	10.000	9.8808	-.119	-1.19	76.229	.910	1

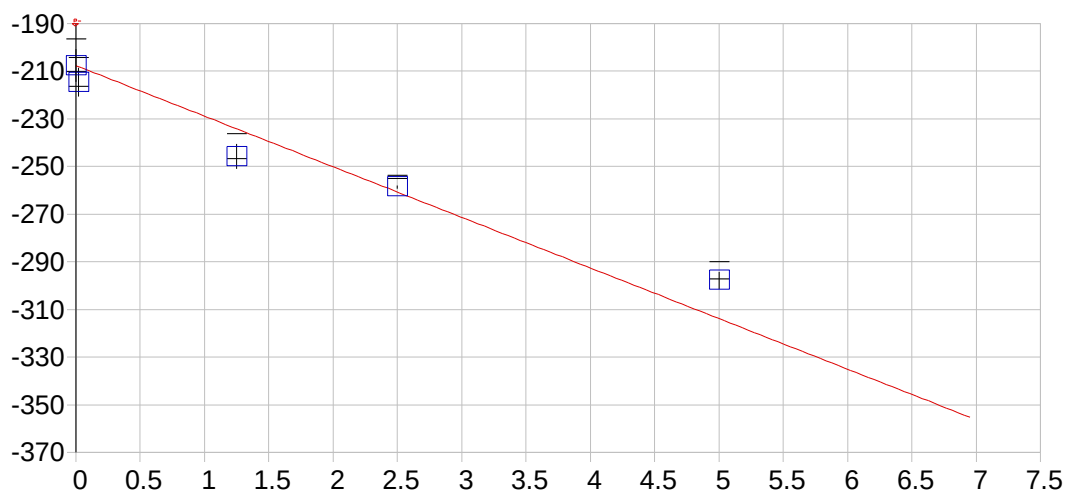


U 367.007 { 92 }

Date of Fit: 10/31/2018 10:21:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 496.115311 Re-Slope: 1.000000
 A1 (Gain): -27.320648 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.465471 Status: Warning Negative Gain
 Std Error of Est: 0.887730
 Predicted MDL: n/a
 Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00079	-.001	.000	496.14	.878	1
S1	.02000	.81091	.791	3950.	473.96	9.17	1
S3	1.2500	1.6739	.424	33.9	450.38	5.97	1
S4	2.5000	2.4054	-.095	-3.79	430.40	22.2	1
S5	5.0000	3.8799	-1.12	-22.4	390.12	1.38	1



U 385.958 { 87}

Date of Fit: 10/31/2018 10:21:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -207.636622 Re-Slope: 1.000000

A1 (Gain): -21.237253 Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.795891

Status: Warning Negative Gain

Std Error of Est: 0.276073

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00031	-.000	.000	-207.63	6.80	1
S1	.02000	.32705	.307	1540.	-214.58	5.97	1
S3	1.2500	1.7962	.546	43.7	-245.78	5.26	1
S4	2.5000	2.3990	-.101	-4.04	-258.58	.709	1
S5	5.0000	4.2478	-.752	-15.0	-297.85	3.64	1

Sample Name: S0 Acquired: 10/31/2018 9:58:31 Type: Cal
Method: P4-ICP2(v2535) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00018	-.00081	.00266	-.00023	.00054	-.00000	.06253	.00008
Stddev	.00014	.00002	.00003	.00015	.00007	.00000	.00077	.00002
%RSD	77.233	2.6962	1.0446	64.425	12.280	16.475	1.2289	28.801
#1	-.00008	-.00083	.00268	-.00033	.00050	-.00000	.06307	.00009
#2	-.00028	-.00080	.00264	-.00012	.00059	-.00000	.06198	.00006
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	-.00095	.00058	-.00001	-.00034	-.00041	-.00843	.00009	.00008
Stddev	.00001	.00032	.00011	.00019	.00020	.00694	.00004	.00002
%RSD	.90677	54.648	1043.4	54.713	48.699	82.394	43.314	30.433
#1	-.00095	.00036	-.00009	-.00021	-.00027	-.00352	.00007	.00010
#2	-.00094	.00081	.00007	-.00048	-.00055	-.01334	.00012	.00006
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	-.00654	-.00002	.04453	-.00006	.13178	.00203	.00027	.00004
Stddev	.00018	.00014	.00197	.00002	.00007	.00048	.00016	.00015
%RSD	2.7747	674.39	4.4165	39.795	.05223	23.540	59.705	371.09
#1	-.00641	.00008	.04314	-.00004	.13183	.00237	.00039	.00014
#2	-.00667	-.00012	.04592	-.00008	.13173	.00169	.00016	-.00006
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	-.00007	.01166	.00046	.00323	.00827	-.0027	-.00635	496.14
Stddev	.00005	.00002	.00008	.00108	.00037	.0001	.00086	.88
%RSD	68.027	.20913	16.567	33.511	4.5330	2.779	13.556	.17696
#1	-.00003	.01164	.00051	.00246	.00853	-.0027	-.00575	495.52
#2	-.00010	.01168	.00041	.00399	.00800	-.0026	-.00696	496.76

Sample Name: S0 Acquired: 10/31/2018 9:58:31 Type: Cal
Method: P4-ICP2(v2535) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-207.63
Stddev	6.80
%RSD	3.2763

#1	-202.82
#2	-212.44

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4058.6	51669.	5027.5	125.24	4441.2
Stddev	9.4	129.	9.9	.42	9.0
%RSD	.23099	.24980	.19620	.33876	.20152

#1	4051.9	51578.	5020.6	125.54	4434.9
#2	4065.2	51760.	5034.5	124.94	4447.6

Sample Name: S1 Acquired: 10/31/2018 10:02:34 Type: Cal
Method: P4-ICP2(v2535) 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	.00113	.00673	.00672	.00141	.00879	.00087	.50203	.00610
Stddev	.00000	.00014	.00054	.00004	.00009	.00003	.00198	.00008
%RSD	.01001	2.0522	8.0287	3.1159	1.0369	3.9282	.39523	1.3823

#1	.00113	.00664	.00634	.00144	.00873	.00085	.50063	.00616
#2	.00113	.00683	.00710	.00138	.00886	.00090	.50344	.00604

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	.01995	.00213	.03921	.01476	.15065	.03329	.02278	.00208
Stddev	.00052	.00006	.00072	.00046	.01072	.00005	.00038	.00004
%RSD	2.5887	3.0262	1.8473	3.0923	7.1153	.13727	1.6725	2.1542

#1	.01958	.00217	.03870	.01444	.14307	.03332	.02251	.00211
#2	.02031	.00208	.03972	.01508	.15823	.03325	.02305	.00205

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	.01068	4.5094	.14591	.00581	.00112	.17821	.00874	.01623
Stddev	.00000	.0355	.00293	.00086	.00004	.00316	.00002	.00049
%RSD	.01914	.78758	2.0057	14.784	3.9943	1.7759	.25684	3.0502

#1	.01068	4.5345	.14384	.00521	.00116	.17597	.00872	.01588
#2	.01068	4.4843	.14798	.00642	.00109	.18045	.00875	.01658

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.03998	-.0006	.16803	473.96	-214.58
Stddev	.00149	.0001	.00008	9.17	5.97
%RSD	3.7261	8.516	.04727	1.9337	2.7837

#1	.04103	-.0006	.16798	480.44	-218.81
#2	.03892	-.0006	.16809	467.48	-210.36

Sample Name: S1 Acquired: 10/31/2018 10:02:34 Type: Cal
Method: P4-ICP2(v2535) 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	3975.4	50299.	4916.1	123.68	4331.8
Stddev	47.8	131.	18.0	1.10	59.5
%RSD	1.2015	.26140	.36671	.88621	1.3735
#1	4009.2	50206.	4928.8	122.90	4373.9
#2	3941.6	50392.	4903.4	124.45	4289.8

Sample Name: S2 Acquired: 10/31/2018 10:06:36 Type: Cal
Method: P4-ICP2(v2535) 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	.07976	.02513	.53459	.13820
Stddev	.00093	.00006	.00517	.00021
%RSD	1.1698	.25774	.96776	.15176

#1	.07910	.02509	.53094	.13835
#2	.08042	.02518	.53825	.13806

Int. Std.	Y_3710
Units	Cts/S
Avg	4980.2
Stddev	19.2
%RSD	.38481

#1	4966.6
#2	4993.7

Sample Name: S3 Acquired: 10/31/2018 10:10:32 Type: Cal
Method: P4-ICP2(v2535) 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	.14307	.39171	.70230	.18298	.36291	.03662	19.413	.11469
Stddev	.00031	.00110	.00015	.00016	.00089	.00027	.073	.00027
%RSD	.21917	.27957	.02124	.08774	.24387	.72394	.37799	.23738
#1	.14285	.39093	.70240	.18287	.36228	.03643	19.361	.11450
#2	.14329	.39248	.70219	.18310	.36353	.03680	19.465	.11488
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.1222	.47073	.09251	1.3946	.42734	3.3176	1.7704	.14677
Stddev	.0002	.00300	.00012	.0002	.00103	.0029	.0057	.00053
%RSD	.00533	.63697	.13403	.01701	.24111	.08626	.32229	.35926
#1	4.1224	.47286	.09242	1.3948	.42661	3.3156	1.7663	.14640
#2	4.1221	.46861	.09260	1.3945	.42807	3.3196	1.7744	.14714
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	.78929	.11848	2.9601	.28512	104.89	.83882	1.6699	.11834
Stddev	.00127	.00035	.0079	.00027	1.69	.00197	.0001	.00000
%RSD	.16059	.29337	.26793	.09333	1.6070	.23509	.00846	.00348
#1	.78840	.11823	2.9545	.28493	106.08	.83743	1.6698	.11834
#2	.79019	.11872	2.9657	.28531	103.70	.84022	1.6700	.11833
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	.11529	.87502	.45058	.71163	3.3465	.2249	19.504	450.38
Stddev	.00029	.00128	.00037	.00475	.0056	.0005	.077	5.97
%RSD	.24887	.14578	.08284	.66704	.16750	.2370	.39228	1.3260
#1	.11508	.87412	.45032	.70827	3.3426	.2245	19.450	446.16
#2	.11549	.87592	.45085	.71498	3.3505	.2253	19.558	454.61

Sample Name: S3 Acquired: 10/31/2018 10:10:32 Type: Cal
Method: P4-ICP2(v2535) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-245.78
Stddev	5.26
%RSD	2.1393

#1	-249.50
#2	-242.06

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3944.7	50032.	5001.4	122.27	4149.2
Stddev	6.0	133.	31.0	2.12	9.4
%RSD	.15324	.26514	.62038	1.7378	.22553

#1	3940.4	49938.	4979.4	120.76	4142.5
#2	3949.0	50126.	5023.3	123.77	4155.8

Sample Name: S4 Acquired: 10/31/2018 10:14:19 Type: Cal
Method: P4-ICP2(v2535) 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	.29045	.79405	1.4241	.37047	.73331	.07520	39.212	.23045
Stddev	.00019	.00101	.0002	.00068	.00009	.00067	.236	.00052
%RSD	.06619	.12706	.01695	.18238	.01266	.89475	.60215	.22421
#1	.29058	.79476	1.4239	.37095	.73338	.07473	39.378	.23009
#2	.29031	.79334	1.4243	.36999	.73325	.07568	39.045	.23082
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.4445	.94896	.18485	2.8447	.84816	6.6624	3.5357	.29694
Stddev	.0098	.00028	.00030	.0033	.00222	.0672	.0066	.00210
%RSD	.11552	.02943	.16493	.11666	.26165	1.0084	.18619	.70827
#1	8.4514	.94876	.18463	2.8471	.84973	6.7099	3.5311	.29843
#2	8.4376	.94915	.18506	2.8424	.84659	6.6149	3.5404	.29546
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.6086	.23800	5.8993	.57060	208.68	1.6790	3.3467	.23829
Stddev	.0011	.00037	.0313	.00131	4.58	.0098	.0007	.00031
%RSD	.06942	.15532	.53020	.22952	2.1964	.58294	.02149	.13170
#1	1.6094	.23827	5.9214	.56968	211.92	1.6859	3.3462	.23807
#2	1.6078	.23774	5.8772	.57153	205.44	1.6721	3.3472	.23851
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	.23935	1.7003	.91809	1.4449	6.6944	.4713	39.247	430.40
Stddev	.00059	.0172	.00129	.0042	.0227	.0023	.291	22.18
%RSD	.24457	1.0121	.14053	.28956	.33864	.4906	.74106	5.1544
#1	.23976	1.7125	.91901	1.4479	6.7105	.4729	39.453	446.09
#2	.23893	1.6881	.91718	1.4420	6.6784	.4697	39.042	414.71

Sample Name: S4 Acquired: 10/31/2018 10:14:19 Type: Cal
Method: P4-ICP2(v2535) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-258.58
Stddev	.71
%RSD	.27434

#1	-259.09
#2	-258.08

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3889.5	49289.	4986.2	121.93	3986.9
Stddev	8.7	102.	40.1	2.88	11.3
%RSD	.22398	.20784	.80386	2.3631	.28423

#1	3883.3	49361.	4957.8	119.89	3978.9
#2	3895.7	49217.	5014.5	123.97	3994.9

Sample Name: S5 Acquired: 10/31/2018 10:18:03 Type: Cal
Method: P4-ICP2(v2535) 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	.57916	1.5731	2.8641	.73255	1.4592	.14985	77.326	.45688
Stddev	.00015	.0006	.0032	.00110	.0009	.00064	.182	.00059
%RSD	.02636	.04070	.11031	.15059	.06152	.42442	.23532	.13022

#1	.57926	1.5735	2.8619	.73333	1.4585	.14940	77.455	.45646
#2	.57905	1.5726	2.8664	.73177	1.4598	.15030	77.198	.45730

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	17.069	1.8570	.36385	5.7594	1.6591	13.329	6.8891	.58522
Stddev	.007	.0163	.00061	.0068	.0000	.277	.0070	.00060
%RSD	.04270	.87707	.16698	.11881	.00268	2.0756	.10186	.10188

#1	17.064	1.8455	.36428	5.7545	1.6591	13.524	6.8842	.58564
#2	17.075	1.8685	.36342	5.7642	1.6591	13.133	6.8941	.58479

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	3.2482	.47457	11.675	1.1327	413.65	3.3461	6.5974	.47376
Stddev	.0016	.00016	.025	.0004	9.02	.0122	.0009	.00442
%RSD	.04991	.03368	.21110	.03714	2.1816	.36350	.01385	.93239

#1	3.2470	.47469	11.657	1.1324	420.03	3.3375	6.5967	.47064
#2	3.2493	.47446	11.692	1.1330	407.27	3.3547	6.5980	.47689

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	.49498	3.3244	1.8545	2.8307	13.250	.9652	76.229	390.12
Stddev	.00109	.0164	.0002	.0031	.050	.0018	.910	1.38
%RSD	.22014	.49488	.00849	.11040	.38106	.1893	1.1938	.35297

#1	.49576	3.3127	1.8544	2.8285	13.215	.9665	75.586	391.09
#2	.49421	3.3360	1.8546	2.8330	13.286	.9639	76.873	389.14

Sample Name: S5 Acquired: 10/31/2018 10:18:03 Type: Cal
Method: P4-ICP2(v2535) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-297.85
Stddev	3.64
%RSD	1.2207

#1	-295.28
#2	-300.42

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3768.6	48015.	4876.9	117.35	3743.4
Stddev	7.6	87.	17.0	2.85	7.4
%RSD	.20198	.18040	.34787	2.4253	.19799

#1	3763.2	48077.	4888.9	115.33	3738.2
#2	3774.0	47954.	4864.9	119.36	3748.7

Sample Name: ICV01 Acquired: 10/31/2018 10:21:58 Type: Unk
Method: P4-ICP2(v2535) 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	1.0062	1.0485	1.0100	1.0229	1.0011	2.5674	.51263	.49547
Stddev	.0041	.0065	.0038	.0015	.0083	.0048	.00318	.00029
%RSD	.40661	.62074	.38042	.14826	.82697	.18797	.61935	.05777
#1	1.0033	1.0439	1.0073	1.0219	.99526	2.5708	.51039	.49527
#2	1.0091	1.0531	1.0127	1.0240	1.0070	2.5640	.51488	.49567
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49052	10.341	.50985	.49886	.51114	5.0353	.52166	6.1371
Stddev	.00014	.130	.00193	.00216	.00087	.0321	.00046	.0019
%RSD	.02933	1.2602	.37795	.43398	.17010	.63678	.08778	.03093
#1	.49062	10.248	.51121	.49733	.51175	5.0126	.52198	6.1384
#2	.49042	10.433	.50849	.50039	.51052	5.0580	.52133	6.1358
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50209	.51007	10.062	.50665	1.0015	10.097	2.6103	2.5935
Stddev	.00002	.00181	.007	.00246	.0051	.022	.0012	.0356
%RSD	.00310	.35546	.07011	.48635	.51282	.21900	.04541	1.3722
#1	.50210	.50879	10.067	.50491	.99785	10.081	2.6095	2.5683
#2	.50208	.51135	10.057	.50839	1.0051	10.113	2.6111	2.6187
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .77802	2.4962	2.5180	2.6014	F .84423	F .8129	F .84285	F 1.8170
Stddev	.00096	.0276	.0057	.0014	.00116	.0001	.00261	.1423
%RSD	.12302	1.1058	.22633	.05191	.13704	.0085	.30923	7.8310
#1	.77869	2.4767	2.5140	2.6004	.84341	.8128	.84101	1.9176
#2	.77734	2.5157	2.5220	2.6023	.84504	.8129	.84469	1.7164

Sample Name: ICV01 Acquired: 10/31/2018 10:21:58 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.0898
Stddev	.1311
%RSD	6.2717

#1	1.9971
#2	2.1825

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3896.0	49187.	4894.0	120.96	4156.1
Stddev	11.5	51.	23.3	.31	7.0
%RSD	.29391	.10335	.47607	.25637	.16942

#1	3887.9	49152.	4910.5	121.18	4151.1
#2	3904.1	49223.	4877.6	120.74	4161.0

Sample Name: LLICV01 Acquired: 10/31/2018 10:34:24 Type: Unk
Method: P4-ICP2(v2535) 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	.02245	.04618	.01358	.02362	.05744	.11027	.11219	.00649
Stddev	.00056	.00005	.00131	.00302	.00044	.01370	.00030	.00005
%RSD	2.4827	.09746	9.6310	12.791	.76433	12.421	.26705	.76070
#1	.02206	.04615	.01265	.02149	.05775	.10058	.11240	.00653
#2	.02285	.04621	.01450	.02576	.05713	.11995	.11198	.00646
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00605	2.2449	.01084	.03397	.02140	.10631	.02355	2.2545
Stddev	.00002	.0012	.00035	.00050	.00018	.00001	.00011	.0646
%RSD	.31499	.05228	3.2360	1.4780	.86181	.01122	.47771	2.8652
#1	.00606	2.2457	.01109	.03361	.02127	.10632	.02347	2.3002
#2	.00603	2.2440	.01059	.03432	.02153	.10630	.02363	2.2088
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04405	.01096	2.1105	.04512	.04101	2.0450	.21655	F .12036
Stddev	.00064	.00019	.0111	.00049	.00014	.0006	.00101	.01009
%RSD	1.4593	1.7747	.52626	1.0814	.35146	.03168	.46596	8.3839
#1	.04359	.01082	2.1184	.04546	.04090	2.0445	.21584	.11322
#2	.04450	.01109	2.1027	.04477	.04111	2.0455	.21726	.12749
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01795	F .49400	.04236	.04476	.02074	.0177	.02160	F 2.0551
Stddev	.00242	.00197	.00081	.00247	.00044	.0007	.00001	.0799
%RSD	13.464	.39909	1.9225	5.5069	2.1454	4.145	.06767	3.8896
#1	.01966	.49540	.04294	.04651	.02106	.0172	.02159	2.1117
#2	.01624	.49261	.04178	.04302	.02043	.0182	.02161	1.9986

Sample Name: LLICV01 Acquired: 10/31/2018 10:34:24 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .45881
Stddev .40439
%RSD 88.139

#1 .74475
#2 .17286

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3882.0	49229.	4836.7	119.82	4309.5
Stddev	12.9	9.	28.5	.16	6.4
%RSD	.33291	.01893	.59024	.13278	.14890

#1	3891.1	49223.	4816.5	119.93	4314.0
#2	3872.8	49236.	4856.8	119.71	4304.9

Sample Name: ICB01 Acquired: 10/31/2018 10:38:26 Type: Unk
Method: P4-ICP2(v2535) 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	.00261	.00102	.00026	-.00142	-.00072	.00495	.00069	.00002
Stddev	.00044	.00107	.00027	.00182	.00053	.00068	.00043	.00005
%RSD	16.869	105.03	101.78	128.05	74.248	13.749	63.148	235.08
#1	.00292	.00026	.00045	-.00270	-.00109	.00447	.00038	.00006
#2	.00230	.00178	.00007	-.00013	-.00034	.00543	.00099	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00400	-.00036	.00017	-.00029	-.00586	-.00006	.00422
Stddev	.00013	.00880	.00022	.00008	.00021	.00820	.00004	.01034
%RSD	1417.1	219.94	63.009	48.477	71.783	140.01	62.683	244.78
#1	-.00010	.00222	-.00052	.00023	-.00014	-.01165	-.00008	.01154
#2	.00008	-.01023	-.00020	.00011	-.00044	-.00006	-.00003	-.00309
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00035	.00019	-.09893	.00049	-.00040	-.15147	-.00025	.01432
Stddev	.00020	.00106	.00383	.00070	.00003	.00459	.00016	.00185
%RSD	57.395	550.30	3.8754	141.37	6.3440	3.0305	65.975	12.947
#1	.00049	.00094	-.10164	.00000	-.00042	-.14823	-.00036	.01563
#2	.00021	-.00056	-.09622	.00099	-.00038	-.15472	-.00013	.01301
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00038	.00573	-.00041	.00090	-.00013	-.0022	-.00001	F 1.5228
Stddev	.00000	.00340	.00007	.00209	.00048	.0001	.00010	.6579
%RSD	.62998	59.320	16.390	231.20	383.66	3.823	796.61	43.205
#1	.00038	.00333	-.00036	-.00057	-.00047	-.0021	.00006	1.9881
#2	.00038	.00813	-.00045	.00238	.00022	-.0023	-.00009	1.0576

Sample Name: ICB01 Acquired: 10/31/2018 10:38:26 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .35868
Stddev	.44922
%RSD	125.24

#1	.67633
#2	.04103

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3871.7	49895.	4878.0	122.61	4368.0
Stddev	28.2	549.	80.3	3.78	33.4
%RSD	.72766	1.1002	1.6460	3.0805	.76373

#1	3851.8	49507.	4934.7	125.28	4344.4
#2	3891.6	50284.	4821.2	119.94	4391.6

Sample Name: CRI01 Acquired: 10/31/2018 10:46:33 Type: Unk
Method: P4-ICP2(v2535) 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	.02428	.04854	.01372	.02095	.05921	.12284	.12040	.00673
Stddev	.00051	.00195	.00055	.00070	.00053	.01472	.00625	.00010
%RSD	2.1055	4.0130	4.0099	3.3597	.89329	11.986	5.1899	1.4612
#1	.02464	.04991	.01411	.02145	.05958	.13325	.12482	.00679
#2	.02392	.04716	.01333	.02046	.05883	.11242	.11598	.00666
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00633	2.3558	.01163	.03566	.02239	.11206	.02418	2.3620
Stddev	.00004	.1124	.00002	.00019	.00022	.00477	.00061	.0751
%RSD	.66768	4.7711	.15259	.52396	1.0032	4.2563	2.5400	3.1800
#1	.00636	2.4353	.01164	.03580	.02223	.10868	.02461	2.4151
#2	.00630	2.2763	.01161	.03553	.02255	.11543	.02374	2.3089
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04571	.01151	2.2351	.04642	.03774	2.1915	.22986	.12198
Stddev	.00064	.00017	.0804	.00119	.00213	.0930	.00115	.00676
%RSD	1.4006	1.4812	3.5979	2.5641	5.6520	4.2436	.50006	5.5446
#1	.04617	.01163	2.2920	.04726	.03925	2.2573	.23067	.11719
#2	.04526	.01139	2.1783	.04558	.03623	2.1257	.22905	.12676
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01936	.46478	.04542	.04984	.02259	.0179	.02279	F 1.2454
Stddev	.00565	.01418	.00068	.00245	.00165	.0014	.00075	.6478
%RSD	29.190	3.0515	1.4980	4.9165	7.2996	7.790	3.2900	52.018
#1	.02336	.47481	.04494	.05157	.02376	.0169	.02332	1.7035
#2	.01537	.45475	.04590	.04811	.02142	.0189	.02226	.78730

Sample Name: CRI01 Acquired: 10/31/2018 10:46:33 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .83415
Stddev	.07991
%RSD	9.5793

#1	.77765
#2	.89065

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3893.5	50770.	4825.7	121.44	4354.0
Stddev	9.7	958.	182.1	6.55	8.8
%RSD	.24872	1.8866	3.7728	5.3909	.20304

#1	3886.6	50092.	4696.9	116.81	4347.7
#2	3900.3	51447.	4954.4	126.07	4360.2

Sample Name: ICSA01 Acquired: 10/31/2018 10:50:36 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00048	-.00752	-.00703	-.01938	.00358	211.52	.00710	-.00074
Stddev	.00108	.00149	.00085	.00158	.00243	.28	.00103	.00012
%RSD	226.67	19.829	12.046	8.1562	67.927	.13336	14.442	15.914
#1	-.00125	-.00857	-.00643	-.01826	.00186	211.32	.00783	-.00066
#2	.00029	-.00647	-.00763	-.02049	.00530	211.72	.00638	-.00082
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00114	263.47	.05723	-.00026	.00312	99.560	.01648	269.14
Stddev	.00004	4.86	.00031	.00035	.00059	.322	.00002	2.49
%RSD	3.8526	1.8447	.54554	136.11	18.772	.32375	.11217	.92541
#1	-.00117	266.91	.05701	-.00001	.00271	99.787	.01649	270.90
#2	-.00111	260.03	.05745	-.00050	.00354	99.332	.01646	267.38
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00771	-.00491	-.04122	.00043	-.00039	-.17082	-.00094	-.02751
Stddev	.00065	.00005	.00681	.00043	.00007	.02278	.00041	.00769
%RSD	8.4044	1.0476	16.531	101.40	17.949	13.338	43.921	27.950
#1	-.00725	-.00495	-.03640	.00012	-.00034	-.18693	-.00123	-.03295
#2	-.00817	-.00488	-.04604	.00073	-.00044	-.15471	-.00065	-.02207
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00527	-.00251	.00659	-.00315	.00380	.0002	-.00205	F 2.7427
Stddev	.00111	.00074	.00130	.00013	.00061	.0005	.00083	.5349
%RSD	21.128	29.624	19.691	4.2136	16.146	284.4	40.544	19.502
#1	.00606	-.00198	.00567	-.00306	.00336	.0005	-.00146	2.3645
#2	.00448	-.00304	.00750	-.00325	.00423	-.0002	-.00264	3.1210

Sample Name: ICSA01 Acquired: 10/31/2018 10:50:36 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 5.2800
Stddev	.0478
%RSD	.90542

#1	5.2462
#2	5.3138

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3527.8	44908.	4854.5	116.60	3530.7
Stddev	.8	90.	86.7	1.17	8.3
%RSD	.02270	.20139	1.7869	1.0026	.23388

#1	3528.4	44844.	4793.2	115.78	3524.8
#2	3527.2	44972.	4915.8	117.43	3536.5

Sample Name: ICSAB01 Acquired: 10/31/2018 10:54:42 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10617	.10228	.04884	.03244	.67841	211.03	.54878	.58942
Stddev	.00460	.00057	.00047	.00228	.01040	1.70	.01920	.01253
%RSD	4.3336	.55332	.96111	7.0263	1.5333	.80725	3.4995	2.1267

#1	.10942	.10188	.04917	.03083	.68576	209.82	.56235	.58055
#2	.10292	.10268	.04851	.03405	.67105	212.23	.53520	.59828

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0732	260.86	.59290	.54431	.53160	97.411	.57822	264.35
Stddev	.0178	6.84	.01306	.00849	.00595	3.258	.01145	8.37
%RSD	1.6615	2.6232	2.2035	1.5600	1.1193	3.3443	1.9810	3.1652

#1	1.0858	265.70	.58366	.55031	.53581	99.715	.57012	270.27
#2	1.0606	256.02	.60213	.53830	.52740	95.107	.58632	258.44

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0536	.22515	-.06332	.54063	1.0420	-.21667	F .26870	F .22407
Stddev	.0150	.00390	.01805	.01065	.0256	.03412	.00179	.00326
%RSD	1.4282	1.7321	28.512	1.9705	2.4601	15.749	.66582	1.4563

#1	1.0643	.22239	-.05055	.53310	1.0602	-.19254	.26996	.22638
#2	1.0430	.22790	-.07609	.54816	1.0239	-.24080	.26743	.22176

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .26148	.23965	F .26852	F .25373	F .35056	F .2874	F .24733	F 2.5332
Stddev	.00545	.00334	.00395	.00665	.01012	.0037	.00856	.8183
%RSD	2.0837	1.3943	1.4712	2.6223	2.8876	1.280	3.4618	32.302

#1	.26534	.24201	.27131	.25843	.35771	.2900	.25338	1.9546
#2	.25763	.23729	.26572	.24902	.34340	.2848	.24128	3.1118

Sample Name: ICSAB01 Acquired: 10/31/2018 10:54:42 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 5.7703
Stddev .0801
%RSD 1.3883

#1 5.8269
#2 5.7137

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3479.1	44089.	4800.6	116.03	3496.5
Stddev	49.5	812.	108.3	2.59	56.5
%RSD	1.4226	1.8409	2.2551	2.2324	1.6171

#1	3444.1	44663.	4724.0	114.20	3456.5
#2	3514.1	43515.	4877.1	117.87	3536.5

Sample Name: CCV01 Acquired: 10/31/2018 10:58:39 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1793	5.0209	5.1212	5.1192	5.2272	10.366	10.256	.25831
Stddev	.0304	.0235	.0001	.0191	.0056	.018	.035	.00070
%RSD	.58755	.46855	.00183	.37298	.10740	.16948	.33752	.27222
#1	5.2008	5.0375	5.1213	5.1327	5.2312	10.379	10.232	.25880
#2	5.1578	5.0043	5.1211	5.1057	5.2233	10.354	10.281	.25781
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5079	26.339	.99591	2.5262	1.2868	5.0035	2.5923	25.543
Stddev	.0010	.148	.00219	.0050	.0025	.0362	.0055	.089
%RSD	.04064	.56332	.21943	.19670	.19152	.72344	.21083	.34904
#1	2.5086	26.234	.99746	2.5298	1.2886	4.9779	2.5961	25.606
#2	2.5071	26.444	.99437	2.5227	1.2851	5.0291	2.5884	25.480
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4794	1.2533	24.947	2.4765	2.6203	25.815	5.2230	5.0986
Stddev	.0007	.0007	.104	.0072	.0378	.158	.0094	.0053
%RSD	.02643	.05556	.41722	.29168	1.4428	.61048	.17931	.10413
#1	2.4799	1.2538	24.873	2.4817	2.5936	25.704	5.2297	5.0948
#2	2.4789	1.2528	25.020	2.4714	2.6471	25.926	5.2164	5.1023
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8891	5.1958	5.0185	5.0829	5.1551	4.942	5.0828	F 3.2130
Stddev	.0266	.0029	.0072	.0321	.0267	.009	.0138	.1066
%RSD	.54354	.05599	.14347	.63222	.51870	.1769	.27224	3.3171
#1	4.9079	5.1978	5.0236	5.1057	5.1362	4.949	5.0731	3.2884
#2	4.8704	5.1937	5.0134	5.0602	5.1740	4.936	5.0926	3.1376

Sample Name: CCV01 Acquired: 10/31/2018 10:58:39 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8556
Stddev .0956
%RSD 3.3484

#1 2.9233
#2 2.7880

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3739.1	48026.	4860.1	117.39	3918.9
Stddev	14.2	60.	1.3	1.48	12.1
%RSD	.37952	.12575	.02581	1.2591	.30767

#1	3729.1	47983.	4861.0	118.43	3910.4
#2	3749.1	48069.	4859.2	116.34	3927.4

Sample Name: LLCCV01 Acquired: 10/31/2018 11:06:28 Type: Unk
Method: P4-ICP2(v2535) 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	.02163	.04644	.01360	.02010	.05692	.11867	.11194	.00657
Stddev	.00062	.00134	.00117	.00032	.00027	.00736	.00047	.00004
%RSD	2.8476	2.8934	8.5696	1.6127	.47490	6.2054	.42074	.67167

#1	.02206	.04549	.01443	.01987	.05672	.12387	.11227	.00660
#2	.02119	.04739	.01278	.02033	.05711	.11346	.11160	.00653

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00597	2.2986	.01108	.03414	.02233	.09247	.02381	2.2466
Stddev	.00016	.0036	.00048	.00061	.00048	.00544	.00003	.0532
%RSD	2.6277	.15716	4.3371	1.7915	2.1621	5.8836	.11160	2.3693

#1	.00586	2.2961	.01074	.03371	.02199	.09632	.02383	2.2090
#2	.00608	2.3012	.01142	.03457	.02267	.08863	.02379	2.2842

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04365	.01160	2.0605	.04537	.03992	1.9586	.22042	.11748
Stddev	.00034	.00017	.0076	.00091	.00105	.0142	.00228	.00786
%RSD	.78734	1.4677	.36650	2.0015	2.6195	.72533	1.0342	6.6927

#1	.04341	.01148	2.0551	.04601	.03918	1.9486	.21881	.12304
#2	.04389	.01172	2.0658	.04473	.04066	1.9687	.22203	.11192

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01959	F .50661	.04360	.04673	.02120	.0168	.02146	F 2.2010
Stddev	.00409	.00366	.00065	.00141	.00029	.0007	.00007	.2940
%RSD	20.890	.72190	1.4905	3.0250	1.3705	4.384	.30408	13.357

#1	.02248	.50919	.04314	.04573	.02141	.0173	.02142	2.4089
#2	.01669	.50402	.04406	.04773	.02100	.0163	.02151	1.9931

Sample Name: LLCCV01 Acquired: 10/31/2018 11:06:28 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .65199
Stddev .30475
%RSD 46.742

#1 .86748
#2 .43650

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3844.7	49261.	4879.0	123.88	4325.2
Stddev	5.2	657.	12.0	1.87	21.0
%RSD	.13556	1.3335	.24500	1.5127	.48470

#1	3848.4	48796.	4870.5	125.20	4340.0
#2	3841.0	49725.	4887.4	122.55	4310.4

Sample Name: CCB01 Acquired: 10/31/2018 11:09:42 Type: Unk
Method: P4-ICP2(v2535) 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	.00212	.00081	.00064	.00102	.00094	.01049	.00146	.00001
Stddev	.00065	.00010	.00091	.00209	.00021	.00249	.00011	.00010
%RSD	30.777	12.727	143.03	204.55	22.310	23.688	7.8665	1085.2
#1	.00258	.00074	-.00001	.00250	.00109	.00874	.00154	.00008
#2	.00166	.00088	.00128	-.00046	.00079	.01225	.00138	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00523	.00035	.00018	-.00060	-.00279	-.00002	-.01106
Stddev	.00004	.00286	.00006	.00001	.00022	.00457	.00007	.01004
%RSD	65.160	54.744	15.839	4.6404	36.304	163.84	351.49	90.814
#1	-.00008	-.00725	.00039	.00017	-.00076	-.00602	-.00006	-.01816
#2	-.00003	-.00321	.00031	.00019	-.00045	.00044	.00003	-.00396
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	.00046	-.12874	-.00032	-.00058	-.23044	-.00010	.00708
Stddev	.00003	.00050	.00782	.00001	.00001	.00187	.00050	.00004
%RSD	19.039	109.28	6.0779	3.9424	1.2946	.81358	524.80	.54447
#1	.00016	.00081	-.12321	-.00031	-.00057	-.22912	.00026	.00711
#2	.00012	.00010	-.13427	-.00033	-.00058	-.23177	-.00045	.00706
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00147	.00661	.00043	.00084	.00104	-.0026	.00001	F 1.9158
Stddev	.00367	.00171	.00051	.00120	.00076	.0007	.00015	.1046
%RSD	249.81	25.807	116.50	143.49	73.206	28.41	1966.1	5.4584
#1	-.00406	.00782	.00079	.00169	.00159	-.0031	-.00010	1.8418
#2	.00113	.00540	.00008	-.00001	.00050	-.0021	.00011	1.9897

Sample Name: CCB01 Acquired: 10/31/2018 11:09:42 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .44868
Stddev	.12920
%RSD	28.796

#1	.35732
#2	.54004

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3840.7	49788.	4876.7	125.20	4372.9
Stddev	29.4	136.	87.1	.96	28.1
%RSD	.76668	.27411	1.7865	.76714	.64317

#1	3819.9	49692.	4815.1	124.53	4353.0
#2	3861.5	49885.	4938.3	125.88	4392.8

Sample Name: LR CHECK1 Acquired: 10/31/2018 11:47:55 Type: Unk
Method: P4-ICP2(v2535) 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	-.03599	-.07201	-.11145	-.24211	.05530	F 2066.7	.00855
Stddev	.01012	.00306	.01235	.00733	.00164	2.3	.00078
%RSD	28.120	4.2511	11.079	3.0276	2.9687	.11045	9.0998

#1	-.02884	-.07417	-.10272	-.24730	.05414	2065.1	.00910
#2	-.04315	-.06984	-.12018	-.23693	.05646	2068.4	.00800

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00052	.01591	F 1809.8	.12795	.04693	.01753	F 953.11
Stddev	.00030	.00554	21.4	.00140	.00058	.00368	48.03
%RSD	57.257	34.827	1.1833	1.0947	1.2260	20.999	5.0394

#1	-.00074	.01983	1794.7	.12894	.04652	.02013	919.15
#2	-.00031	.01199	1825.0	.12696	.04734	.01492	987.07

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03703	F 1837.2	.12177	-.04693	1691.8	.00332	.07806
Stddev	.00012	4.4	.00069	.00670	20.6	.00062	.00512
%RSD	.32295	.23846	.56822	14.284	1.2173	18.559	6.5541

#1	.03694	1834.1	.12128	-.05167	1706.3	.00289	.07444
#2	.03711	1840.3	.12226	-.04219	1677.2	.00376	.08168

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1073.4	.01664	-.32998	.41259	.00525	.04949	-.05327
Stddev	.3	.00004	.08812	.02162	.00073	.00379	.00182
%RSD	.02799	.25887	26.704	5.2395	13.961	7.6495	3.4102

#1	1073.6	.01661	-.39229	.39730	.00473	.05217	-.05455
#2	1073.2	.01667	-.26767	.42787	.00576	.04682	-.05198

Sample Name: LR CHECK1 Acquired: 10/31/2018 11:47:55 Type: Unk
 Method: P4-ICP2(v2535) 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	.04853	.0571	F -1.0309	<.00000	^ *****
Stddev	.00088	.0021	.0529	.88347	-----
%RSD	1.8088	3.676	5.1325	10.638	-----

#1	.04915	.0586	-.99349	-7.6799	^ -----
#2	.04791	.0556	-1.0683	-8.9294	^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2590.5	33785.	3984.3	84.837	2173.9
Stddev	11.7	84.	13.3	4.688	9.6
%RSD	.45089	.24728	.33498	5.5261	.44300

#1	2582.2	33726.	3993.7	88.152	2167.1
#2	2598.7	33844.	3974.9	81.522	2180.7

Sample Name: LR CHECK2 Acquired: 10/31/2018 12:02:46 Type: Unk
Method: P4-ICP2(v2535) 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	.00674	-.01410	F 265.95	.01814	-.03553	-.27058	99.250	-.00076
Stddev	.00114	.00025	2.27	.00013	.00106	.00231	.314	.00001
%RSD	16.891	1.7859	.85494	.69387	2.9918	.85367	.31628	1.4251

#1	.00593	-.01392	264.34	.01805	-.03628	-.27221	99.029	-.00075
#2	.00754	-.01428	267.56	.01823	-.03478	-.26894	99.472	-.00077

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00772	.31666	-.13767	-.00811	238.31	-.84717	F 47.543	-.11126
Stddev	.00007	.00815	.00110	.00016	.13	.01042	.015	.01630
%RSD	.92553	2.5723	.80124	1.9242	.05339	1.2297	.03072	14.648

#1	-.00767	.32242	-.13689	-.00822	238.22	-.85454	47.553	-.09973
#2	-.00777	.31090	-.13845	-.00800	238.40	-.83980	47.532	-.12278

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	47.467	.00985	.47244	-.00394	F 38.363	.44551	-.00386	.00598
Stddev	.064	.00007	.00226	.00040	.577	.08581	.00075	.00208
%RSD	.13448	.65989	.47863	10.266	1.5053	19.260	19.539	34.748

#1	47.512	.00981	.47404	-.00366	37.955	.50619	-.00440	.00745
#2	47.421	.00990	.47084	-.00423	38.772	.38484	-.00333	.00451

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10439	.00554	.00380	.02525	.00423	-.1523	.00647	3.2621
Stddev	.00201	.00204	.00012	.00102	.00001	.0009	.00028	.1735
%RSD	1.9287	36.823	3.0433	4.0594	.32124	.5856	4.2697	5.3177

#1	.10582	.00410	.00389	.02597	.00422	-.1517	.00667	3.3847
#2	.10297	.00699	.00372	.02452	.00424	-.1530	.00628	3.1394

Sample Name: LR CHECK2 Acquired: 10/31/2018 12:02:46 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.0340
Stddev .4633
%RSD 44.809

#1 .70639
#2 1.3616

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3416.9	46587.	4512.6	108.08	3806.9
Stddev	9.4	111.	9.4	1.59	8.2
%RSD	.27487	.23887	.20841	1.4666	.21562

#1	3410.2	46508.	4505.9	109.20	3801.1
#2	3423.5	46665.	4519.2	106.96	3812.7

Sample Name: J5665-04DLX10 Acquired: 10/31/2018 12:07:18 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DL-07B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22840	-.00006	.08255	.00286	.00130	44.306	.09058
Stddev	.00102	.00004	.00049	.00190	.00021	.268	.00011
%RSD	.44488	62.357	.59703	66.294	15.921	.60395	.12405

#1	.22912	-.00003	.08290	.00152	.00115	44.117	.09066
#2	.22768	-.00008	.08220	.00420	.00144	44.496	.09050

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00111	-.00165	4.3209	.13210	.03566	.37336	101.54
Stddev	.00000	.00016	.0140	.00002	.00005	.00185	.89
%RSD	.08090	9.9937	.32444	.01151	.13804	.49613	.87251

#1	.00111	-.00153	4.3110	.13211	.03563	.37205	100.91
#2	.00111	-.00176	4.3308	.13209	.03569	.37467	102.17

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27218	42.523	.08553	-.00217	.48110	.44667	.33665
Stddev	.00072	.015	.00048	.00034	.00514	.00049	.00156
%RSD	.26305	.03522	.56448	15.686	1.0674	.10949	.46265

#1	.27167	42.533	.08519	-.00241	.48473	.44632	.33555
#2	.27269	42.512	.08588	-.00193	.47747	.44701	.33775

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2993	.00698	-.03030	F 10.308	.12073	-.00131	.15761
Stddev	.0226	.00000	.00510	.002	.00241	.00068	.00230
%RSD	.98341	.04088	16.839	.01709	2.0003	51.786	1.4561

#1	2.3153	.00698	-.02669	10.306	.12244	-.00179	.15923
#2	2.2833	.00698	-.03390	10.309	.11902	-.00083	.15599

Sample Name: J5665-04DLX10 Acquired: 10/31/2018 12:07:18 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DL-07B Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18850	1.263	-.06908	<.00000	F<.00000
Stddev	.00118	.004	.00068	.01810	.07406
%RSD	.62521	.3560	.99149	.76279	5.4599
#1	.18767	1.260	-.06860	-2.3602	-1.4089
#2	.18934	1.267	-.06957	-2.3858	-1.3041
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3629.5	47635.	4668.7	111.54	3783.4
Stddev	3.9	87.	15.0	.04	5.0
%RSD	.10647	.18168	.32187	.03893	.13272
#1	3626.8	47574.	4658.0	111.51	3779.8
#2	3632.2	47696.	4679.3	111.57	3786.9

Sample Name: J5665-05DLX10 Acquired: 10/31/2018 12:11:14 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DL-08A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34396	-.00168	.05872	-.03166	.00431	12.160	.08649
Stddev	.01762	.00051	.00595	.00583	.00085	.042	.00001
%RSD	5.1217	30.476	10.125	18.417	19.667	.34169	.01513

#1	.33151	-.00132	.05452	-.02753	.00371	12.131	.08648
#2	.35642	-.00204	.06293	-.03578	.00491	12.190	.08650

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00317	-.02972	.01349	.04860	.12437	178.58
Stddev	.00014	.00093	.00366	.00025	.00285	.00720	.66
%RSD	180.46	29.526	12.311	1.8825	5.8704	5.7904	.37041

#1	.00002	-.00383	-.02713	.01367	.04658	.11928	178.11
#2	-.00017	-.00250	-.03230	.01331	.05062	.12946	179.04

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9043	2.1806	.04985	-.00521	.19872	.03488	.57744
Stddev	.0046	.0631	.00250	.00073	.00281	.00022	.00715
%RSD	.15848	2.8923	5.0126	14.079	1.4150	.62219	1.2375

#1	2.9011	2.1360	.04808	-.00573	.20071	.03473	.57239
#2	2.9076	2.2251	.05161	-.00469	.19674	.03504	.58249

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60660	-.00064	-.06187	1.2736	.19285	.00018	.01152
Stddev	.00457	.00033	.00626	.0627	.00119	.00048	.00132
%RSD	.75298	51.141	10.111	4.9260	.61833	265.73	11.438

#1	.60337	-.00041	-.06630	1.2292	.19201	.00052	.01059
#2	.60983	-.00087	-.05745	1.3179	.19369	-.00016	.01245

Sample Name: J5665-05DLX10 Acquired: 10/31/2018 12:11:14 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DL-08A Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00990	2.098	-.18998	<.00000	F<.00000
Stddev	.00221	.120	.00075	.19418	.62364
%RSD	22.284	5.730	.39731	2.3103	4.0348

#1	.00834	2.013	-.18945	-8.2674	-15.016
#2	.01146	2.183	-.19052	-8.5420	-15.898

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3689.5	49242.	4727.8	117.28	3928.1
Stddev	147.5	66.	41.2	.36	175.8
%RSD	3.9973	.13421	.87077	.30929	4.4758

#1	3793.7	49289.	4756.9	117.53	4052.5
#2	3585.2	49195.	4698.7	117.02	3803.8

Sample Name: J5665-06DLX10 Acquired: 10/31/2018 12:15:11 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DL-08B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16338	-.00053	.00842	-.02052	.00338	57.270	.18870
Stddev	.00241	.00015	.00112	.00014	.00172	.175	.00148
%RSD	1.4743	27.509	13.328	.69581	50.940	.30634	.78409

#1	.16508	-.00043	.00762	-.02042	.00460	57.146	.18765
#2	.16167	-.00064	.00921	-.02062	.00216	57.394	.18975

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00345	-.00262	6.9495	.12577	.09218	.18977	128.79
Stddev	.00006	.00024	.0124	.00091	.00004	.00077	2.21
%RSD	1.6832	9.3267	.17906	.72665	.04232	.40431	1.7151

#1	.00341	-.00245	6.9407	.12513	.09221	.19031	127.23
#2	.00349	-.00279	6.9583	.12642	.09215	.18922	130.35

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0605	16.081	.16082	-.00246	.31387	.13570	.45395
Stddev	.0018	.056	.00053	.00018	.00733	.00086	.00692
%RSD	.08547	.34771	.32917	7.3429	2.3343	.63140	1.5238

#1	2.0593	16.042	.16045	-.00234	.31905	.13509	.44905
#2	2.0617	16.121	.16120	-.00259	.30869	.13630	.45884

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5963	-.00163	-.02578	.95466	.20979	.00193	.20623
Stddev	.0132	.00018	.01457	.00055	.00068	.00056	.00015
%RSD	.50855	11.227	56.532	.05725	.32180	29.044	.07449

#1	2.6057	-.00150	-.03608	.95504	.21027	.00232	.20634
#2	2.5870	-.00176	-.01547	.95427	.20932	.00153	.20612

Sample Name: J5665-06DLX10 Acquired: 10/31/2018 12:15:11 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DL-08B Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04364	1.613	-.08762	<.00000	F<.00000
Stddev	.00036	.002	.00240	.15403	.41015
%RSD	.83380	.1432	2.7426	2.9132	8.9873

#1	.04338	1.614	-.08592	-5.1785	-4.8537
#2	.04390	1.611	-.08932	-5.3963	-4.2736

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3915.6	50758.	4926.2	116.82	4001.0
Stddev	13.5	39.	18.0	1.43	7.8
%RSD	.34428	.07715	.36458	1.2258	.19517

#1	3906.1	50730.	4913.5	117.83	3995.5
#2	3925.1	50785.	4938.9	115.80	4006.6

Sample Name: J5655-01 Acquired: 10/31/2018 12:19:06 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00156	-.00111	.00124	.00185	-.00198	.08119	.01119	.00004
Stddev	.00018	.00086	.00022	.00114	.00035	.00547	.00049	.00004
%RSD	11.768	77.370	17.566	62.041	17.505	6.7325	4.4011	97.456

#1	.00169	-.00172	.00139	.00265	-.00173	.08505	.01154	.00001
#2	.00143	-.00050	.00109	.00104	-.00222	.07732	.01084	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	3.8536	.00111	.00054	-.00005	.00501	.02987	1.1183
Stddev	.00015	.0241	.00009	.00021	.00040	.00517	.00010	.0046
%RSD	462.55	.62458	7.9808	38.135	812.95	103.18	.33216	.40936

#1	-.00008	3.8366	.00118	.00069	-.00033	.00866	.02994	1.1215
#2	.00014	3.8707	.00105	.00040	.00023	.00135	.02980	1.1150

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	.00095	5.5628	-.00028	.02801	1.4162	-.00007	.00959
Stddev	.00010	.00067	.0251	.00025	.00024	.0377	.00028	.00058
%RSD	39.233	70.702	.45109	90.938	.85743	2.6595	395.23	6.0617

#1	.00019	.00142	5.5451	-.00046	.02818	1.4428	-.00027	.01000
#2	.00033	.00047	5.5806	-.00010	.02784	1.3896	.00013	.00918

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8312	8.2782	-.00140	.00231	.00159	.0077	.05001	3.7004
Stddev	.0959	.0193	.00057	.00064	.00026	.0006	.00034	.1997
%RSD	3.3862	.23250	40.357	27.868	16.476	7.928	.67243	5.3977

#1	2.8990	8.2918	-.00100	.00185	.00177	.0073	.04977	3.5592
#2	2.7634	8.2646	-.00181	.00276	.00140	.0081	.05024	3.8417

Sample Name: J5655-01 Acquired: 10/31/2018 12:19:06 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .19196
 Stddev .25113
 %RSD 130.83

#1 .36953
 #2 .01438

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3556.2	46098.	4402.9	111.98	4092.6
Stddev	118.8	122.	35.1	.81	148.9
%RSD	3.3400	.26463	.79818	.72621	3.6372

#1	3472.2	46012.	4378.1	111.40	3987.4
#2	3640.2	46185.	4427.8	112.55	4197.9

Sample Name: J5655-01DUP Acquired: 10/31/2018 12:23:07 Type: Unk
Method: P4-ICP2(v2535) 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	.00185	.00026	.00145	.00190	-.00067	.06768	.01107	.00010
Stddev	.00114	.00082	.00143	.00169	.00190	.01191	.00004	.00002
%RSD	61.394	317.69	99.042	89.224	283.95	17.598	.39736	22.150

#1	.00105	-.00032	.00043	.00310	-.00201	.07610	.01110	.00008
#2	.00266	.00084	.00246	.00070	.00067	.05926	.01104	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	3.8467	.00161	.00039	-.00055	-.00304	.02965	1.0891
Stddev	.00007	.0157	.00028	.00022	.00016	.00859	.00025	.0359
%RSD	193.52	.40710	17.208	55.538	29.265	282.18	.85615	3.2924

#1	.00008	3.8357	.00180	.00054	-.00044	.00303	.02947	1.0637
#2	-.00001	3.8578	.00141	.00024	-.00067	-.00911	.02983	1.1144

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00032	.00026	5.5209	-.00052	.02809	1.3526	.00026	.02323
Stddev	.00047	.00012	.0051	.00017	.00069	.0093	.00019	.00384
%RSD	149.29	44.141	.09216	33.053	2.4503	.69000	74.595	16.549

#1	.00065	.00034	5.5173	-.00040	.02858	1.3460	.00039	.02594
#2	-.00002	.00018	5.5245	-.00064	.02761	1.3592	.00012	.02051

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8156	8.3721	-.00091	.00136	-.00050	.0086	.04968	3.8253
Stddev	.0390	.0164	.00046	.00041	.00237	.0024	.00023	.3668
%RSD	1.3863	.19611	50.605	30.013	474.94	28.56	.45992	9.5889

#1	2.8432	8.3605	-.00058	.00165	-.00218	.0068	.04952	3.5659
#2	2.7880	8.3837	-.00123	.00107	.00118	.0103	.04985	4.0847

Sample Name: J5655-01DUP Acquired: 10/31/2018 12:23:07 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.65561
Stddev	.39701
%RSD	60.555

#1	.37489
#2	.93634

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3589.6	46476.	4403.4	113.48	4127.2
Stddev	49.6	63.	13.6	2.32	63.1
%RSD	1.3824	.13635	.30905	2.0407	1.5288

#1	3554.5	46521.	4393.8	111.84	4082.6
#2	3624.7	46431.	4413.0	115.12	4171.9

Sample Name: J5655-01LX5 Acquired: 10/31/2018 12:27:08 Type: Unk
Method: P4-ICP2(v2535) 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	.00343	-.00044	.00107	-.00075	-.00163	.00965	.00367	.00008
Stddev	.00177	.00051	.00156	.00159	.00048	.01171	.00057	.00001
%RSD	51.771	114.84	145.21	211.13	29.479	121.35	15.502	14.990

#1	.00217	-.00080	.00218	.00037	-.00197	.01793	.00407	.00007
#2	.00468	-.00008	-.00003	-.00188	-.00129	.00137	.00327	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.77637	.00021	.00017	-.00014	-.00593	.00605	.25357
Stddev	.00001	.01172	.00015	.00019	.00014	.01175	.00003	.00201
%RSD	39.442	1.5100	73.921	112.40	97.436	198.33	.47637	.79414

#1	.00002	.76808	.00031	.00030	-.00004	.00238	.00607	.25215
#2	.00004	.78466	.00010	.00003	-.00024	-.01423	.00603	.25500

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00065	.00035	1.0787	.00024	.00300	.24990	-.00029	.00220
Stddev	.00014	.00019	.0037	.00051	.00010	.00016	.00026	.00092
%RSD	21.950	55.273	.34163	215.62	3.2501	.06520	89.217	41.563

#1	.00055	.00048	1.0813	-.00012	.00306	.24979	-.00047	.00285
#2	.00076	.00021	1.0761	.00059	.00293	.25002	-.00011	.00156

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59062	1.7557	-.00041	.00027	-.00060	.0003	.00994	2.8885
Stddev	.00300	.0220	.00008	.00164	.00100	.0012	.00003	.0332
%RSD	.50808	1.2512	20.028	614.14	166.79	392.1	.27230	1.1484

#1	.58849	1.7402	-.00035	-.00089	.00011	.0011	.00996	2.9120
#2	.59274	1.7712	-.00047	.00143	-.00131	-.0005	.00993	2.8651

Sample Name: J5655-01LX5 Acquired: 10/31/2018 12:27:08 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.27746
Stddev	.49354
%RSD	177.88

#1	-.07153
#2	.62645

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3699.1	48317.	4590.6	118.27	4251.1
Stddev	14.5	29.	42.8	.26	.2
%RSD	.39265	.06055	.93338	.21923	.00532

#1	3688.8	48337.	4620.9	118.45	4250.9
#2	3709.3	48296.	4560.3	118.08	4251.2

Sample Name: PB114331BL Acquired: 10/31/2018 12:31:11 Type: Unk
Method: P4-ICP2(v2535) 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	.00253	-.00019	.00100	.00054	-.00008	.00051	.00288	-.00001
Stddev	.00204	.00031	.00023	.00207	.00155	.00141	.00059	.00004
%RSD	80.797	157.98	23.603	383.34	2004.5	274.16	20.593	325.38
#1	.00108	.00002	.00083	.00200	-.00118	-.00048	.00246	-.00004
#2	.00398	-.00041	.00116	-.00092	.00102	.00151	.00330	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.01736	.00034	.00037	.00011	-.01254	-.00008	-.00962
Stddev	.00004	.01401	.00042	.00001	.00070	.01358	.00000	.00576
%RSD	264.31	80.715	123.93	1.3765	661.13	108.34	3.0726	59.924
#1	.00001	.02726	.00064	.00037	-.00039	-.02214	-.00008	-.00554
#2	-.00005	.00745	.00004	.00036	.00060	-.00293	-.00008	-.01370
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00053	-.03006	-.00028	-.00033	-.06833	-.00021	.00249
Stddev	.00026	.00001	.00366	.00026	.00006	.03104	.00004	.00187
%RSD	422.31	1.1735	12.166	94.524	17.727	45.424	18.569	74.863
#1	.00012	.00053	-.02747	-.00046	-.00029	-.09028	-.00018	.00117
#2	-.00025	.00052	-.03265	-.00009	-.00037	-.04638	-.00024	.00381
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	.01259	-.00075	-.00058	-.00146	-.0049	-.00015	F 3.4951
Stddev	.00200	.00088	.00040	.00019	.00023	.0001	.00015	.5374
%RSD	644.45	7.0115	52.737	32.556	15.879	1.150	99.399	15.377
#1	-.00110	.01321	-.00047	-.00045	-.00162	-.0049	-.00025	3.8751
#2	.00172	.01196	-.00103	-.00072	-.00129	-.0048	-.00004	3.1150

Sample Name: PB114331BL Acquired: 10/31/2018 12:31:11 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .26087
Stddev	.16881
%RSD	64.711

#1	.14150
#2	.38023

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3582.7	46483.	4432.3	115.00	4112.4
Stddev	5.2	51.	38.5	.49	2.1
%RSD	.14418	.10919	.86765	.42530	.05027

#1	3586.4	46519.	4405.1	115.34	4111.0
#2	3579.1	46447.	4459.5	114.65	4113.9

Sample Name: PB114331BS Acquired: 10/31/2018 12:39:44 Type: Unk
Method: P4-ICP2(v2535) 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	.84386	2.0232	1.0282	2.0517	.87345	2.0553	.22369
Stddev	.00259	.0164	.0079	.0078	.00447	.0281	.00011
%RSD	.30677	.80815	.76407	.38246	.51215	1.3693	.05088

#1	.84203	2.0117	1.0226	2.0461	.87029	2.0354	.22377
#2	.84569	2.0348	1.0338	2.0572	.87662	2.0752	.22361

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20363	.19572	1.1707	.40634	.20602	.33220	3.0729
Stddev	.00001	.00183	.0128	.00139	.00199	.00197	.0470
%RSD	.00298	.93514	1.0964	.34125	.96619	.59198	1.5285

#1	.20363	.19443	1.1798	.40536	.20461	.33081	3.0397
#2	.20363	.19702	1.1616	.40732	.20743	.33360	3.1061

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22051	2.1456	.49752	.07161	3.1763	.30234	.21730
Stddev	.00019	.0569	.00302	.00125	.0001	.00019	.00108
%RSD	.08751	2.6507	.60787	1.7433	.00331	.06251	.49820

#1	.22038	2.1858	.49538	.07249	3.1764	.30220	.21654
#2	.22065	2.1054	.49966	.07073	3.1763	.30247	.21807

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.194	.45608	.32986	F 4.6728	1.0719	.70452	.21923
Stddev	.055	.00259	.00229	.0385	.0216	.00368	.00262
%RSD	.49469	.56769	.69376	.82430	2.0161	.52188	1.1973

#1	11.233	.45425	.32824	4.6456	1.0872	.70192	.21737
#2	11.154	.45791	.33148	4.7001	1.0566	.70712	.22108

Sample Name: PB114331BS Acquired: 10/31/2018 12:39:44 Type: Unk
 Method: P4-ICP2(v2535) 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	.22672	5.541	.21075	F 2.5164	F<.00000
Stddev	.00093	.042	.00082	.1886	.42172
%RSD	.41185	.7551	.39035	7.4951	58.777

#1	.22606	5.511	.21134	2.3830	-.41929
#2	.22738	5.570	.21017	2.6497	-1.0157

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3682.8	48681.	4644.6	118.53	4177.5
Stddev	9.9	38.	51.6	.17	14.0
%RSD	.26830	.07905	1.1104	.14417	.33431

#1	3689.8	48654.	4608.1	118.65	4187.4
#2	3675.9	48708.	4681.0	118.41	4167.6

Sample Name: CCV02 Acquired: 10/31/2018 12:47:18 Type: Unk
Method: P4-ICP2(v2535) 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	5.2892	4.9679	5.1727	5.1707	5.3628	10.135	10.367	.25831
Stddev	.0040	.0009	.0017	.0053	.0102	.062	.033	.00081
%RSD	.07557	.01872	.03254	.10280	.18953	.61642	.31932	.31265
#1	5.2864	4.9673	5.1739	5.1744	5.3700	10.180	10.391	.25888
#2	5.2920	4.9686	5.1715	5.1669	5.3556	10.091	10.344	.25774
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4960	26.748	.96584	2.5407	1.2929	4.8152	2.5960	25.791
Stddev	.0004	.011	.00273	.0017	.0018	.0810	.0097	.047
%RSD	.01674	.04174	.28306	.06688	.14184	1.6816	.37377	.18319
#1	2.4963	26.740	.96777	2.5395	1.2942	4.8725	2.6029	25.758
#2	2.4957	26.755	.96391	2.5419	1.2916	4.7580	2.5891	25.825
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4501	1.2414	24.761	2.4152	2.6101	26.494	5.3449	5.0858
Stddev	.0026	.0056	.074	.0101	.0566	.042	.0043	.0157
%RSD	.10715	.45271	.29857	.42035	2.1676	.15838	.08107	.30789
#1	2.4520	1.2454	24.814	2.4223	2.6501	26.524	5.3418	5.0969
#2	2.4482	1.2374	24.709	2.4080	2.5701	26.464	5.3480	5.0747
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8188	5.4426	4.9999	5.0544	5.2712	4.946	5.0329	F 4.3505
Stddev	.0163	.0153	.0016	.0142	.0024	.008	.0224	.0019
%RSD	.33753	.28097	.03114	.28149	.04514	.1530	.44516	.04421
#1	4.8073	5.4534	4.9988	5.0645	5.2729	4.951	5.0487	4.3519
#2	4.8303	5.4318	5.0010	5.0443	5.2695	4.941	5.0170	4.3492

Sample Name: CCV02 Acquired: 10/31/2018 12:47:18 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3152
Stddev .3967
%RSD 17.135

#1 2.5957
#2 2.0347

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3607.4	46994.	4640.6	116.89	3841.6
Stddev	4.8	137.	7.7	2.39	4.2
%RSD	.13380	.29122	.16661	2.0430	.10883

#1	3610.9	46897.	4635.2	115.21	3844.6
#2	3604.0	47091.	4646.1	118.58	3838.7

Sample Name: CCB02 Acquired: 10/31/2018 12:51:03 Type: Unk
Method: P4-ICP2(v2535) 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	.00132	.00156	.00000	.00040	.00073	-.00137	.00205	.00001
Stddev	.00246	.00129	.00002	.00124	.00091	.00015	.00098	.00007
%RSD	186.40	82.772	134420.	309.79	123.65	10.666	48.100	1137.5
#1	.00306	.00065	-.00001	.00128	.00137	-.00147	.00135	-.00004
#2	-.00042	.00247	.00001	-.00048	.00009	-.00126	.00274	.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00547	.00042	.00020	-.00000	-.00896	-.00003	-.01345
Stddev	.00008	.03526	.00038	.00019	.00022	.00742	.00002	.00436
%RSD	3060.7	644.85	89.259	96.553	4721.2	82.834	48.205	32.460
#1	-.00005	.01946	.00016	.00006	.00015	-.01421	-.00005	-.01653
#2	.00006	-.03040	.00069	.00033	-.00016	-.00371	-.00002	-.01036
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	.00024	-.07327	-.00010	-.00028	-.04733	.00077	.00940
Stddev	.00028	.00001	.00224	.00071	.00004	.03060	.00030	.01156
%RSD	216.99	3.2630	3.0600	716.20	15.116	64.654	39.047	123.03
#1	.00032	.00024	-.07486	.00040	-.00025	-.02569	.00098	.00122
#2	-.00007	.00025	-.07168	-.00060	-.00031	-.06896	.00056	.01757
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00032	.01272	.00005	.00056	-.00004	-.0039	-.00008	F 3.2820
Stddev	.00178	.00303	.00010	.00160	.00094	.0002	.00006	.3799
%RSD	552.50	23.840	207.28	286.84	2553.2	5.602	75.459	11.576
#1	-.00158	.01058	.00012	.00169	.00063	-.0038	-.00004	3.0134
#2	.00094	.01487	-.00002	-.00058	-.00070	-.0041	-.00013	3.5507

Sample Name: CCB02 Acquired: 10/31/2018 12:51:03 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .29718
Stddev	.04053
%RSD	13.639

#1	.32585
#2	.26852

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3666.9	46961.	4492.8	115.59	4230.0
Stddev	.9	487.	34.2	.80	.4
%RSD	.02445	1.0372	.76218	.69329	.00847

#1	3667.5	47305.	4468.6	116.16	4229.8
#2	3666.3	46616.	4517.0	115.03	4230.3

Sample Name: J5655-02 Acquired: 10/31/2018 13:03:16 Type: Unk
Method: P4-ICP2(v2535) 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	.81534	1.9365	.98929	1.9826	.84264	2.0622	.22955
Stddev	.00033	.0033	.00328	.0005	.00478	.0222	.00123
%RSD	.04015	.17074	.33124	.02510	.56679	1.0780	.53625

#1	.81511	1.9389	.99161	1.9829	.84602	2.0779	.23042
#2	.81557	1.9342	.98698	1.9822	.83926	2.0465	.22868

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19791	.18925	4.8914	.40114	.20096	.31980	3.0610
Stddev	.00030	.00005	.0361	.00019	.00020	.00021	.0332
%RSD	.15356	.02717	.73818	.04726	.09755	.06476	1.0843

#1	.19770	.18929	4.8658	.40101	.20110	.31995	3.0375
#2	.19813	.18922	4.9169	.40128	.20082	.31965	3.0844

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24513	3.2221	.48519	.06956	8.3858	.29944	.21982
Stddev	.00065	.0149	.00158	.00087	.0515	.00182	.00321
%RSD	.26511	.46294	.32546	1.2515	.61419	.60797	1.4603

#1	.24559	3.2115	.48631	.06894	8.3494	.29815	.21755
#2	.24467	3.2326	.48407	.07018	8.4222	.30073	.22209

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.270	.44819	.33267	2.8359	9.2177	.67982	.21205
Stddev	.009	.00031	.00560	.0072	.0361	.00134	.00396
%RSD	.07188	.06961	1.6819	.25226	.39199	.19683	1.8680

#1	12.276	.44797	.32871	2.8410	9.1921	.67887	.21485
#2	12.263	.44841	.33662	2.8309	9.2432	.68076	.20925

Sample Name: J5655-02 Acquired: 10/31/2018 13:03:16 Type: Unk
 Method: P4-ICP2(v2535) 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	.22638	5.366	.25335	3.6762	F<.00000
Stddev	.00100	.016	.00158	.0986	.22750
%RSD	.44373	.3064	.62377	2.6811	21.199

#1	.22567	5.378	.25223	3.6065	-.91234
#2	.22709	5.354	.25447	3.7459	-1.2341

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3486.3	46010.	4382.0	112.20	3955.6
Stddev	4.3	20.	25.6	1.31	11.8
%RSD	.12197	.04369	.58440	1.1660	.29758

#1	3483.3	46024.	4400.1	113.13	3947.3
#2	3489.3	45995.	4363.8	111.28	3963.9

Sample Name: J5655-01A Acquired: 10/31/2018 13:07:08 Type: Unk
Method: P4-ICP2(v2535) 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	.90761	2.1472	1.1029	2.2030	.94068	2.3077	.25924	.22183
Stddev	.00929	.0162	.0077	.0176	.00094	.0214	.00025	.00037
%RSD	1.0232	.75655	.69619	.79766	.10040	.92839	.09771	.16532

#1	.90105	2.1357	1.0975	2.1906	.94134	2.2925	.25906	.22209
#2	.91418	2.1587	1.1084	2.2154	.94001	2.3228	.25942	.22157

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21025	5.1345	.44942	.22439	.35611	3.3861	.27136	3.5250
Stddev	.00097	.0159	.00207	.00074	.00019	.0638	.00059	.0132
%RSD	.45911	.31065	.46004	.33122	.05375	1.8837	.21559	.37381

#1	.20956	5.1458	.45088	.22386	.35597	3.4312	.27095	3.5157
#2	.21093	5.1232	.44796	.22491	.35624	3.3410	.27178	3.5343

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53818	.07710	9.0459	.33446	.24384	13.675	.50061	.36476
Stddev	.00115	.00120	.0088	.00145	.00619	.038	.00246	.00201
%RSD	.21425	1.5593	.09676	.43358	2.5380	.27748	.49163	.54984

#1	.53737	.07795	9.0521	.33344	.24822	13.702	.49887	.36618
#2	.53900	.07625	9.0398	.33549	.23947	13.648	.50235	.36334

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8882	9.6375	.75748	.24176	.25497	5.939	.28147	3.8333
Stddev	.0016	.1191	.00671	.00397	.00106	.012	.00116	.1384
%RSD	.05473	1.2354	.88623	1.6436	.41533	.1989	.41229	3.6091

#1	2.8893	9.7216	.75273	.23895	.25422	5.931	.28229	3.7355
#2	2.8871	9.5533	.76223	.24457	.25572	5.948	.28065	3.9311

Sample Name: J5655-01A Acquired: 10/31/2018 13:07:08 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .25447
 %RSD 33.123

#1 -.94817
 #2 -.58831

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3400.5	44728.	4220.8	109.66	3868.2
Stddev	7.6	53.	48.0	3.47	1.5
%RSD	.22432	.11829	1.1374	3.1622	.03872

#1	3395.1	44765.	4186.8	107.20	3867.1
#2	3405.9	44691.	4254.7	112.11	3869.3

Sample Name: J5655-03 Acquired: 10/31/2018 13:10:58 Type: Unk
Method: P4-ICP2(v2535) 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	.87319	2.0771	1.0618	2.1184	.90245	2.1962	.24353	.21204
Stddev	.00133	.0116	.0009	.0084	.00095	.0005	.00158	.00172
%RSD	.15228	.55696	.08812	.39782	.10543	.02115	.64870	.81279
#1	.87225	2.0690	1.0624	2.1124	.90178	2.1965	.24465	.21326
#2	.87413	2.0853	1.0611	2.1243	.90312	2.1959	.24242	.21083
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20297	4.8456	.42673	.21514	.34209	3.2472	.25987	3.3138
Stddev	.00065	.0018	.00268	.00177	.00042	.0101	.00174	.0266
%RSD	.31916	.03740	.62746	.82050	.12423	.31014	.66824	.80120
#1	.20251	4.8469	.42862	.21389	.34179	3.2401	.26110	3.3326
#2	.20343	4.8443	.42483	.21639	.34239	3.2543	.25864	3.2950
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51809	.07412	8.5702	.31902	.23661	12.891	.48141	.33817
Stddev	.00419	.00118	.0605	.00126	.00046	.020	.00043	.00011
%RSD	.80874	1.5935	.70574	.39509	.19629	.15616	.08962	.03231
#1	.51513	.07496	8.6130	.31991	.23694	12.905	.48110	.33825
#2	.52105	.07329	8.5275	.31813	.23628	12.877	.48171	.33810
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7981	9.1764	.73181	.22861	.24280	5.727	.26625	3.0128
Stddev	.0083	.0170	.00474	.00097	.00728	.027	.00205	.3504
%RSD	.29527	.18530	.64789	.42604	2.9971	.4675	.77183	11.629
#1	2.7922	9.1885	.72846	.22929	.24794	5.708	.26770	3.2605
#2	2.8039	9.1644	.73517	.22792	.23765	5.746	.26479	2.7650

Sample Name: J5655-03 Acquired: 10/31/2018 13:10:58 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .49569
 %RSD 117.52

#1 -.07128
 #2 -.77229

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3538.9	46876.	4443.6	113.06	4016.5
Stddev	11.1	366.	22.4	.54	4.8
%RSD	.31362	.78171	.50471	.48016	.11923

#1	3531.1	46616.	4427.7	112.68	4013.1
#2	3546.8	47135.	4459.4	113.45	4019.8

Sample Name: J5662-01 Acquired: 10/31/2018 13:31:11 Type: Unk
Method: P4-ICP2(v2535) 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	.01204	-.00003	.00492	.00393	-.00273	-.01652	.02082	.00017
Stddev	.00041	.00123	.00065	.00155	.00150	.01451	.00007	.00002
%RSD	3.3897	3840.4	13.280	39.539	54.862	87.808	.34050	10.730
#1	.01176	-.00090	.00446	.00503	-.00167	-.02678	.02077	.00015
#2	.01233	.00084	.00538	.00283	-.00379	-.00626	.02087	.00018
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00028	143.84	-.00120	.00006	.00125	-.04745	.01035	391.64
Stddev	.00002	.96	.00057	.00022	.00011	.01362	.00007	3.39
%RSD	7.6220	.66837	47.346	341.87	8.4505	28.704	.64985	.86632
#1	-.00026	144.52	-.00161	.00022	.00117	-.05708	.01031	394.04
#2	-.00029	143.16	-.00080	-.00009	.00132	-.03782	.01040	389.24
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00453	.00011	1542.6	.00141	.00054	138.48	.00294	1.3508
Stddev	.00030	.00051	4.5	.00113	.00014	.75	.00018	.0091
%RSD	6.6848	445.27	.28951	79.819	26.178	.54314	5.9940	.67598
#1	-.00432	.00047	1545.8	.00062	.00044	139.01	.00282	1.3572
#2	-.00475	-.00025	1539.5	.00221	.00064	137.94	.00307	1.3443
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 315.74	1.5636	-.11505	-.00609	.06991	.1078	2.3620	9.7087
Stddev	.19	.0057	.00014	.00081	.00082	.0011	.0153	.3079
%RSD	.06093	.36698	.12300	13.247	1.1786	1.038	.64650	3.1711
#1	315.61	1.5677	-.11515	-.00667	.07049	.1086	2.3728	9.9264
#2	315.88	1.5595	-.11495	-.00552	.06932	.1070	2.3512	9.4910

Sample Name: J5662-01 Acquired: 10/31/2018 13:31:11 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.7385
Stddev	.1970
%RSD	4.1577

#1	4.8778
#2	4.5992

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2901.2	37227.	4228.2	104.19	2845.6
Stddev	4.7	3.	28.4	1.25	5.8
%RSD	.16289	.00715	.67094	1.1971	.20435

#1	2897.9	37228.	4208.1	105.07	2841.5
#2	2904.6	37225.	4248.3	103.30	2849.8

Sample Name: J5662-05 Acquired: 10/31/2018 13:35:25 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SI-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00865	.00031	.00425	.00372	-.00183	-.00731	.01645	.00013
Stddev	.00471	.00068	.00163	.00437	.00193	.00216	.00055	.00010
%RSD	54.468	217.01	38.379	117.60	105.81	29.571	3.3296	80.407
#1	.00532	-.00017	.00310	.00681	-.00046	-.00578	.01607	.00020
#2	.01198	.00079	.00540	.00063	-.00319	-.00884	.01684	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	103.64	-.00055	-.00026	.00038	-.02503	.00789	279.63
Stddev	.00005	.55	.00077	.00053	.00012	.00321	.00003	.79
%RSD	19.881	.53178	139.49	205.86	30.125	12.832	.43159	.28079
#1	-.00027	103.25	-.00001	-.00063	.00047	-.02276	.00792	279.08
#2	-.00020	104.03	-.00110	.00012	.00030	-.02730	.00787	280.19
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00399	-.00026	1317.9	.00079	.00025	94.953	.00178	.96738
Stddev	.00057	.00034	39.9	.00008	.00007	.467	.00025	.02266
%RSD	14.323	130.29	3.0273	10.416	28.087	.49216	14.131	2.3423
#1	-.00358	-.00002	1346.1	.00073	.00030	94.622	.00160	.98340
#2	-.00439	-.00050	1289.7	.00084	.00020	95.283	.00195	.95136
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 219.26	1.1129	-.08007	-.00264	.04944	.0732	1.6892	8.5757
Stddev	.61	.0033	.00204	.00155	.00137	.0019	.0086	.1550
%RSD	.27644	.29876	2.5430	58.761	2.7663	2.573	.50775	1.8075
#1	218.83	1.1153	-.07863	-.00154	.05041	.0745	1.6831	8.6853
#2	219.69	1.1106	-.08151	-.00373	.04848	.0719	1.6953	8.4661

Sample Name: J5662-05 Acquired: 10/31/2018 13:35:25 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SI-2 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.5592
Stddev .4088
%RSD 8.9671

#1 4.8483
#2 4.2701

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2932.0	37474.	4163.9	101.28	2934.0
Stddev	4.4	110.	.6	.97	.9
%RSD	.15007	.29252	.01543	.95359	.03184

#1	2935.1	37397.	4163.4	100.60	2934.6
#2	2928.9	37552.	4164.3	101.96	2933.3

Sample Name: J5662-07 Acquired: 10/31/2018 13:39:31 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SI-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00807	-.00072	.00333	.00169	-.00089	-.02105	.01412	.00013
Stddev	.00113	.00040	.00060	.00261	.00088	.00786	.00008	.00010
%RSD	13.999	54.716	18.019	154.05	99.286	37.353	.58554	73.157
#1	.00727	-.00044	.00376	.00354	-.00152	-.02661	.01418	.00020
#2	.00887	-.00101	.00291	-.00015	-.00027	-.01549	.01407	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	105.79	-.00049	-.00009	.00049	-.01496	.00578	288.87
Stddev	.00006	1.68	.00056	.00018	.00033	.00429	.00009	4.51
%RSD	31.306	1.5858	114.90	192.67	66.991	28.668	1.5465	1.5625
#1	-.00015	106.98	-.00089	.00003	.00073	-.01799	.00572	292.06
#2	-.00024	104.60	-.00009	-.00022	.00026	-.01193	.00585	285.68
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00476	.00055	1304.4	.00046	.00013	99.236	.00244	1.0058
Stddev	.00039	.00029	9.0	.00008	.00003	2.119	.00018	.0372
%RSD	8.2304	52.981	.68951	16.306	24.954	2.1355	7.2799	3.6935
#1	-.00449	.00035	1298.1	.00052	.00015	100.73	.00257	1.0321
#2	-.00504	.00076	1310.8	.00041	.00010	97.738	.00232	.97955
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 234.82	1.0636	-.08492	-.00151	.04805	.0743	1.7464	8.2918
Stddev	3.89	.0128	.00189	.00117	.00213	.0015	.0358	.4078
%RSD	1.6583	1.1992	2.2222	77.240	4.4238	2.031	2.0493	4.9181
#1	232.07	1.0726	-.08359	-.00233	.04655	.0733	1.7717	8.0034
#2	237.57	1.0546	-.08625	-.00068	.04956	.0754	1.7210	8.5801

Sample Name: J5662-07 Acquired: 10/31/2018 13:39:31 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SI-3 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.3281
Stddev	.2310
%RSD	5.3367

#1	4.4915
#2	4.1648

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2897.5	37971.	4306.4	108.47	2895.4
Stddev	37.4	238.	59.7	3.49	38.8
%RSD	1.2915	.62783	1.3864	3.2166	1.3385

#1	2924.0	38139.	4264.2	106.01	2922.8
#2	2871.1	37802.	4348.6	110.94	2868.0

Sample Name: J5662-10 Acquired: 10/31/2018 13:43:37 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SI-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00552	-.00002	.00588	.00094	-.00317	-.01340	.01322	.00007
Stddev	.00287	.00198	.00010	.00047	.00206	.00280	.00025	.00003
%RSD	51.967	9793.7	1.7171	50.030	64.826	20.870	1.9020	37.331
#1	.00349	-.00142	.00581	.00128	-.00172	-.01142	.01305	.00005
#2	.00755	.00138	.00595	.00061	-.00462	-.01538	.01340	.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	98.861	-.00071	.00017	.00030	-.02626	.00522	272.86
Stddev	.00013	2.033	.00006	.00011	.00065	.01066	.00003	4.78
%RSD	49.170	2.0566	8.6158	64.502	216.24	40.586	.66988	1.7506
#1	-.00035	97.424	-.00076	.00009	-.00016	-.03380	.00519	269.48
#2	-.00017	100.30	-.00067	.00024	.00075	-.01873	.00524	276.24
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00442	.00031	1255.4	.00129	.00050	92.733	.00206	.94189
Stddev	.00015	.00090	20.6	.00016	.00002	2.134	.00006	.02113
%RSD	3.4742	286.64	1.6426	12.199	3.4626	2.3014	2.7600	2.2435
#1	-.00453	-.00032	1240.8	.00140	.00049	91.224	.00210	.92695
#2	-.00431	.00095	1270.0	.00118	.00051	94.242	.00202	.95683
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 219.73	.98326	-.08051	-.00295	.04363	.0686	1.6475	8.4968
Stddev	1.28	.01159	.00006	.00359	.00080	.0016	.0284	.3293
%RSD	.58166	1.1783	.07963	121.71	1.8331	2.305	1.7220	3.8757
#1	220.63	.97507	-.08056	-.00549	.04306	.0697	1.6274	8.7297
#2	218.83	.99145	-.08047	-.00041	.04419	.0675	1.6675	8.2640

Sample Name: J5662-10 Acquired: 10/31/2018 13:43:37 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SI-4 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.0634
Stddev	.3089
%RSD	7.6025

#1	3.8450
#2	4.2818

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2947.0	38021.	4270.9	104.05	2942.4
Stddev	16.6	61.	43.2	.10	16.1
%RSD	.56354	.16023	1.0114	.09622	.54613

#1	2935.2	38065.	4301.4	104.12	2931.0
#2	2958.7	37978.	4240.3	103.98	2953.7

Sample Name: J5662-01DUP Acquired: 10/31/2018 13:47:42 Type: Unk
Method: P4-ICP2(v2535) 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	.00799	-.00260	.00377	.00010	-.00455	-.02181	.02022	.00016
Stddev	.00063	.00007	.00021	.00413	.00470	.00327	.00015	.00003
%RSD	7.8225	2.6601	5.6919	4207.2	103.26	15.012	.75049	20.854
#1	.00844	-.00265	.00392	.00302	-.00788	-.01949	.02033	.00014
#2	.00755	-.00255	.00362	-.00282	-.00123	-.02412	.02011	.00019
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	140.29	-.00097	.00017	.00062	-.03335	.01037	388.33
Stddev	.00005	.84	.00017	.00015	.00028	.00038	.00009	1.14
%RSD	15.087	.59759	17.988	88.881	44.498	1.1259	.88434	.29377
#1	-.00039	140.88	-.00109	.00027	.00043	-.03308	.01031	389.14
#2	-.00031	139.70	-.00085	.00006	.00082	-.03361	.01044	387.53
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00430	.00059	1433.5	.00124	.00047	138.03	.00265	1.3243
Stddev	.00059	.00003	36.5	.00006	.00010	.30	.00011	.0334
%RSD	13.685	4.8113	2.5443	5.1479	22.187	.21821	4.3162	2.5191
#1	-.00471	.00061	1459.3	.00129	.00054	138.24	.00273	1.3007
#2	-.00388	.00057	1407.7	.00119	.00040	137.81	.00256	1.3479
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 308.98	1.5338	-.11287	-.00463	.06333	.1035	2.3460	8.9519
Stddev	.65	.0144	.00060	.00299	.00108	.0001	.0057	.0837
%RSD	.21005	.93936	.53207	64.515	1.7121	.0705	.24397	.93459
#1	308.52	1.5440	-.11245	-.00674	.06256	.1034	2.3500	9.0110
#2	309.44	1.5236	-.11330	-.00252	.06410	.1035	2.3419	8.8927

Sample Name: J5662-01DUP Acquired: 10/31/2018 13:47:42 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.6920
Stddev .0031
%RSD .06496

#1 4.6941
#2 4.6898

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2862.0	37268.	4247.6	104.27	2820.9
Stddev	.1	177.	14.4	1.93	3.9
%RSD	.00303	.47609	.33952	1.8505	.13738

#1	2861.9	37393.	4237.4	102.90	2823.6
#2	2862.0	37142.	4257.7	105.63	2818.1

Sample Name: CCV03 Acquired: 10/31/2018 13:59:36 Type: Unk
Method: P4-ICP2(v2535) 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	5.3128	4.9229	5.1350	5.2090	5.3835	10.121	10.338	.25660
Stddev	.0044	.0062	.0112	.0066	.0033	.018	.044	.00064
%RSD	.08263	.12540	.21804	.12577	.06194	.17324	.42141	.24837
#1	5.3159	4.9185	5.1271	5.2136	5.3811	10.134	10.307	.25705
#2	5.3097	4.9273	5.1429	5.2044	5.3858	10.109	10.368	.25615
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4770	26.439	.95045	2.5308	1.2896	4.7871	2.5699	25.488
Stddev	.0051	.225	.00167	.0043	.0009	.1195	.0055	.251
%RSD	.20745	.85092	.17569	.17061	.06844	2.4967	.21243	.98550
#1	2.4734	26.280	.94927	2.5277	1.2902	4.7026	2.5738	25.311
#2	2.4806	26.598	.95163	2.5338	1.2890	4.8716	2.5661	25.666
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4305	1.2263	23.026	2.3728	2.6107	26.495	5.3634	4.9624
Stddev	.0073	.0015	.314	.0031	.0468	.172	.0036	.0457
%RSD	.29955	.11936	1.3639	.13070	1.7918	.65106	.06741	.92048
#1	2.4253	1.2274	22.804	2.3750	2.5776	26.373	5.3660	4.9301
#2	2.4356	1.2253	23.248	2.3706	2.6438	26.617	5.3609	4.9947
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8086	5.3638	4.9753	5.0828	5.2083	4.916	5.0399	F 4.1214
Stddev	.0072	.0413	.0100	.0123	.0221	.003	.0091	.0891
%RSD	.15010	.77071	.20039	.24108	.42357	.0509	.17976	2.1621
#1	4.8137	5.3345	4.9683	5.0741	5.1927	4.914	5.0335	4.1845
#2	4.8035	5.3930	4.9824	5.0914	5.2239	4.917	5.0463	4.0584

Sample Name: CCV03 Acquired: 10/31/2018 13:59:36 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.1307
Stddev .2787
%RSD 13.082

#1 1.9336
#2 2.3278

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3535.8	46739.	4629.3	114.74	3791.6
Stddev	2.5	239.	27.1	2.09	6.0
%RSD	.06969	.51028	.58505	1.8200	.15795

#1	3534.1	46570.	4648.4	116.22	3795.9
#2	3537.5	46908.	4610.1	113.27	3787.4

Sample Name: CCB03 Acquired: 10/31/2018 14:03:20 Type: Unk
Method: P4-ICP2(v2535) 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	.00447	.00066	-.00061	-.00138	-.00120	.00160	.00119
Stddev	.00142	.00050	.00060	.00251	.00044	.00725	.00045
%RSD	31.870	75.858	98.958	181.90	36.520	452.54	38.259

#1	.00547	.00102	-.00018	-.00315	-.00089	-.00352	.00151
#2	.00346	.00031	-.00103	.00039	-.00151	.00673	.00087

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00002	.00626	.00042	.00030	-.00021	.00401
Stddev	.00004	.00002	.00622	.00003	.00013	.00038	.00001
%RSD	75.059	102.85	99.389	6.9407	44.009	181.16	.23971

#1	.00003	-.00003	.00186	.00045	.00021	-.00047	.00402
#2	.00009	-.00001	.01066	.00040	.00039	.00006	.00400

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.04493	.00072	.00055	.27232	-.00008	-.00057
Stddev	.00000	.00797	.00015	.00049	.00414	.00023	.00006
%RSD	1.3078	17.731	21.124	89.828	1.5219	270.42	9.9043

#1	-.00006	-.03930	.00061	.00090	.27525	.00008	-.00061
#2	-.00006	-.05057	.00083	.00020	.26939	-.00024	-.00053

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06665	.00052	.00731	F .01372	.01068	-.00041	-.00038
Stddev	.00176	.00040	.00984	.00169	.00130	.00001	.00027
%RSD	2.6467	77.152	134.61	12.296	12.206	2.8222	71.491

#1	-.06541	.00080	.01427	.01491	.00976	-.00041	-.00019
#2	-.06790	.00024	.00035	.01253	.01160	-.00040	-.00057

Sample Name: CCB03 Acquired: 10/31/2018 14:03:20 Type: Unk
 Method: P4-ICP2(v2535) 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	.00008	-.0037	-.00002	F 2.9849	F<.00000
Stddev	.00118	.0004	.00016	.0241	.99656
%RSD	1386.3	10.60	754.72	.80594	7001.9

#1	.00092	-.0040	.00009	2.9679	.69044
#2	-.00075	-.0035	-.00013	3.0019	-.71891

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3634.2	48053.	4582.5	115.33	4217.6
Stddev	8.3	207.	48.2	2.23	14.5
%RSD	.22816	.43081	1.0527	1.9364	.34371

#1	3628.3	47906.	4616.6	116.91	4207.3
#2	3640.0	48199.	4548.4	113.75	4227.8

Sample Name: J5662-01LX5 Acquired: 10/31/2018 14:07:24 Type: Unk
Method: P4-ICP2(v2535) 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	.00694	-.00129	.00213	-.00010	-.00199	-.00078	.00374	.00008
Stddev	.00030	.00249	.00107	.00136	.00139	.00010	.00025	.00004
%RSD	4.3002	192.89	50.170	1355.6	69.513	13.042	6.8089	46.046
#1	.00673	-.00305	.00137	.00086	-.00297	-.00085	.00392	.00005
#2	.00715	.00047	.00288	-.00106	-.00101	-.00070	.00356	.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	23.459	.00017	-.00007	-.00036	-.00550	.00170	61.547
Stddev	.00003	.309	.00033	.00021	.00019	.01014	.00007	1.429
%RSD	29.008	1.3180	199.58	284.06	53.341	184.20	3.8469	2.3214
#1	-.00012	23.240	-.00007	-.00022	-.00023	-.01267	.00165	60.537
#2	-.00008	23.677	.00040	.00007	-.00050	.00166	.00174	62.557
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00234	.00075	433.41	.00047	-.00045	20.382	.00018	.21875
Stddev	.00012	.00002	1.72	.00003	.00007	.277	.00004	.00817
%RSD	5.0961	2.5120	.39629	5.4077	15.929	1.3596	21.614	3.7350
#1	-.00243	.00076	434.63	.00049	-.00051	20.186	.00021	.22453
#2	-.00226	.00073	432.20	.00046	-.00040	20.577	.00015	.21297
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 49.772	.26967	-.01718	-.00190	.01112	.0114	.37268	5.4430
Stddev	1.789	.00335	.00111	.00169	.00028	.0011	.00724	.0799
%RSD	3.5953	1.2412	6.4545	89.105	2.5525	9.680	1.9426	1.4672
#1	48.507	.27204	-.01640	-.00070	.01132	.0106	.36756	5.3865
#2	51.037	.26730	-.01797	-.00310	.01092	.0122	.37780	5.4995

Sample Name: J5662-01LX5 Acquired: 10/31/2018 14:07:24 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.3407
Stddev	.4560
%RSD	19.480

#1	2.0183
#2	2.6631

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3361.6	43875.	4545.5	113.29	3530.3
Stddev	7.6	65.	35.4	.63	1.1
%RSD	.22565	.14801	.77775	.55553	.03139

#1	3356.3	43921.	4520.5	113.74	3529.5
#2	3367.0	43829.	4570.5	112.85	3531.1

Sample Name: J5662-01MS Acquired: 10/31/2018 14:15:42 Type: Unk
Method: P4-ICP2(v2535) 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	.92755	1.8198	1.0233	2.2358	.92751	2.2843	.22958	.23998
Stddev	.00455	.0040	.0015	.0002	.00080	.0361	.00033	.00039
%RSD	.49071	.21771	.15172	.00986	.08625	1.5790	.14173	.16284

#1	.93077	1.8170	1.0244	2.2360	.92808	2.2588	.22981	.24026
#2	.92433	1.8226	1.0222	2.2357	.92694	2.3098	.22935	.23971

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20031	144.47	.37142	.20688	.28851	2.8355	.21383	392.05
Stddev	.00007	.55	.00106	.00005	.00042	.0114	.00023	2.01
%RSD	.03690	.38292	.28471	.02480	.14622	.40194	.10742	.51196

#1	.20036	144.86	.37067	.20692	.28881	2.8274	.21399	393.46
#2	.20026	144.07	.37217	.20684	.28821	2.8435	.21366	390.63

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48426	.08101	1597.5	.28942	.21189	149.49	.42834	1.6078
Stddev	.00119	.00054	96.6	.00043	.00252	.24	.00073	.0051
%RSD	.24573	.67126	6.0458	.14866	1.1876	.16226	.17039	.31532

#1	.48342	.08140	1665.8	.28973	.21011	149.66	.42886	1.6114
#2	.48510	.08063	1529.2	.28912	.21367	149.32	.42783	1.6042

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 304.08	2.6029	.61661	.20329	.30277	7.276	2.5554	8.8817
Stddev	1.58	.0178	.00257	.00258	.00285	.004	.0075	.1148
%RSD	.51889	.68316	.41637	1.2673	.94204	.0594	.29134	1.2924

#1	305.20	2.6154	.61479	.20511	.30076	7.279	2.5607	8.9628
#2	302.97	2.5903	.61843	.20147	.30479	7.273	2.5502	8.8005

Sample Name: J5662-01MS Acquired: 10/31/2018 14:15:42 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.8281
Stddev	.0405
%RSD	1.0566

#1	3.8567
#2	3.7995

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2898.1	37371.	4156.5	100.15	2837.2
Stddev	22.7	4.	33.3	.51	21.8
%RSD	.78328	.01042	.80130	.50508	.76761

#1	2882.0	37368.	4132.9	100.51	2821.8
#2	2914.1	37374.	4180.0	99.795	2852.6

Sample Name: J5662-01MSD Acquired: 10/31/2018 14:19:37 Type: Unk
Method: P4-ICP2(v2535) 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	.92813	1.8187	1.0220	2.2463	.93229	2.3103	.22936	.23989
Stddev	.00905	.0022	.0044	.0112	.00690	.0186	.00051	.00087
%RSD	.97541	.11870	.43299	.49788	.74064	.80453	.22282	.36407
#1	.93453	1.8202	1.0251	2.2542	.93717	2.2972	.22900	.23927
#2	.92173	1.8172	1.0188	2.2384	.92741	2.3234	.22972	.24051
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20064	143.38	.37144	.20630	.29036	2.8093	.21422	388.06
Stddev	.00052	.46	.00237	.00081	.00129	.0019	.00074	2.19
%RSD	.25945	.32183	.63843	.39197	.44345	.06846	.34517	.56438
#1	.20101	143.71	.36976	.20687	.29127	2.8079	.21370	389.61
#2	.20027	143.05	.37312	.20573	.28945	2.8106	.21475	386.51
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48611	.08163	1523.2	.28945	.20854	149.07	.43056	1.6112
Stddev	.00092	.00016	46.9	.00308	.00242	1.02	.00023	.0171
%RSD	.19027	.19103	3.0776	1.0642	1.1596	.68435	.05410	1.0585
#1	.48677	.08174	1556.3	.28728	.20683	149.79	.43072	1.5991
#2	.48546	.08152	1490.0	.29163	.21025	148.35	.43039	1.6232
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 305.95	2.5682	.61721	.20636	.30147	7.300	2.5502	8.8613
Stddev	1.51	.0076	.00028	.00567	.00011	.045	.0150	.3710
%RSD	.49468	.29459	.04456	2.7467	.03516	.6127	.58812	4.1873
#1	307.02	2.5735	.61740	.21037	.30139	7.332	2.5608	9.1236
#2	304.88	2.5628	.61701	.20235	.30154	7.268	2.5396	8.5989

Sample Name: J5662-01MSD Acquired: 10/31/2018 14:19:37 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.1273
Stddev	.6778
%RSD	16.423

#1	3.6480
#2	4.6065

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2864.1	36971.	4178.8	101.00	2812.7
Stddev	3.9	53.	21.0	1.23	4.7
%RSD	.13618	.14255	.50174	1.2218	.16661

#1	2861.3	36934.	4163.9	101.87	2809.4
#2	2866.8	37008.	4193.6	100.13	2816.1

Sample Name: J5662-01A Acquired: 10/31/2018 14:23:31 Type: Unk
Method: P4-ICP2(v2535) 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	.91184	1.7878	1.0089	2.2026	.91662	2.2415	.22559	.23628
Stddev	.00475	.0007	.0019	.0141	.00311	.0042	.00092	.00045
%RSD	.52113	.04160	.18471	.63807	.33980	.18696	.40765	.19036
#1	.90848	1.7883	1.0102	2.1927	.91441	2.2385	.22494	.23596
#2	.91520	1.7872	1.0076	2.2126	.91882	2.2444	.22624	.23659
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19740	141.45	.36580	.20315	.28562	2.7465	.21055	384.54
Stddev	.00014	.07	.00104	.00029	.00087	.0165	.00037	1.19
%RSD	.07286	.04930	.28565	.14423	.30587	.60202	.17675	.30954
#1	.19751	141.40	.36506	.20294	.28500	2.7582	.21028	385.38
#2	.19730	141.50	.36653	.20336	.28624	2.7348	.21081	383.70
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47811	.08001	1507.7	.28317	.20550	147.41	.42422	1.5970
Stddev	.00125	.00021	36.3	.00182	.00122	.00	.00092	.0153
%RSD	.26146	.25794	2.4099	.64364	.59531	.00042	.21802	.95587
#1	.47900	.08015	1533.4	.28188	.20464	147.41	.42487	1.5863
#2	.47723	.07986	1482.0	.28446	.20637	147.41	.42357	1.6078
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 299.60	2.5426	.61029	.20124	.29770	7.174	2.5258	8.9685
Stddev	.40	.0160	.00106	.00162	.00227	.002	.0089	.0856
%RSD	.13253	.62945	.17397	.80536	.76303	.0314	.35256	.95443
#1	299.88	2.5539	.61104	.20010	.29609	7.173	2.5321	9.0291
#2	299.32	2.5313	.60954	.20239	.29931	7.176	2.5195	8.9080

Sample Name: J5662-01A Acquired: 10/31/2018 14:23:31 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.2710
Stddev .7321
%RSD 22.383

#1 3.7887
#2 2.7533

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2888.7	37540.	4202.7	102.04	2839.3
Stddev	3.1	132.	8.2	.34	6.0
%RSD	.10735	.35240	.19504	.33368	.21049

#1	2886.5	37633.	4196.9	102.28	2835.1
#2	2890.9	37446.	4208.5	101.80	2843.6

Sample Name: PB114228BL Acquired: 10/31/2018 14:31:28 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: 200.7

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00267	-.00028	-.00050	-.00008	-.00050	-.00389	.00101
Stddev	.00159	.00018	.00026	.00025	.00005	.00819	.00030
%RSD	59.649	66.696	51.083	333.12	10.143	210.20	30.330

#1	.00154	-.00041	-.00068	.00010	-.00046	-.00968	.00079
#2	.00379	-.00015	-.00032	-.00025	-.00054	.00189	.00122

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00004	-.00499	-.00022	.00023	.00024	.00036
Stddev	.00003	.00005	.01492	.00046	.00002	.00059	.00296
%RSD	34.905	143.11	299.17	205.70	7.7151	245.07	816.50

#1	.00010	-.00007	.00556	.00010	.00021	.00066	-.00173
#2	.00006	.00000	-.01554	-.00055	.00024	-.00018	.00246

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.02706	.00044	.00032	F .52056	-.00031	-.00050
Stddev	.00001	.01815	.00027	.00036	.00029	.00028	.00004
%RSD	49.496	67.065	60.330	112.46	.05569	91.039	7.7089

#1	.00004	-.03989	.00025	.00058	.52077	-.00050	-.00052
#2	.00002	-.01423	.00063	.00007	.52036	-.00011	-.00047

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03689	-.00031	.00993	F .04575	.01137	-.00032	.00090
Stddev	.04201	.00048	.00301	.00109	.00107	.00093	.00132
%RSD	113.87	154.94	30.372	2.3757	9.4002	295.06	146.90

#1	.06660	-.00065	.00779	.04652	.01212	-.00098	-.00003
#2	.00719	.00003	.01206	.04498	.01061	.00034	.00183

Sample Name: PB114228BL Acquired: 10/31/2018 14:31:28 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: 200.7

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00126	-0.0033	0.00009	F 3.0957	F<0.00000
Stddev	0.00204	0.0008	0.00005	0.0838	0.27784
%RSD	161.91	24.16	55.681	2.7064	258.10

#1	0.00018	-0.0028	0.00005	3.1550	-0.30411
#2	-0.00271	-0.0039	0.00012	3.0365	0.08882

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3574.1	47817.	4589.2	114.85	4184.1
Stddev	20.2	96.	27.6	0.43	12.8
%RSD	0.56625	0.20138	0.60211	0.37455	0.30664

#1	3559.8	47749.	4569.6	114.54	4175.0
#2	3588.4	47885.	4608.7	115.15	4193.1

Sample Name: PB114184BS Acquired: 10/31/2018 14:35:32 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: 200.7

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.90737	2.1036	1.1027	2.1894	.95186	1.9660	.21899
Stddev	.03826	.0710	.0359	.0761	.03215	.0041	.00037
%RSD	4.2166	3.3734	3.2507	3.4773	3.3771	.20942	.16752

#1	.88032	2.0534	1.0774	2.1355	.92913	1.9631	.21873
#2	.93442	2.1538	1.1281	2.2432	.97459	1.9689	.21925

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19540	.20830	1.1342	.39190	.22358	.35345	2.9504
Stddev	.00174	.00653	.0004	.00352	.00653	.01116	.0376
%RSD	.88971	3.1371	.03155	.89848	2.9223	3.1564	1.2759

#1	.19417	.20368	1.1345	.38941	.21896	.34556	2.9770
#2	.19663	.21292	1.1340	.39439	.22820	.36134	2.9237

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21563	2.1188	.53083	.06845	3.2335	.29273	.21969
Stddev	.00120	.0253	.01682	.00055	.0007	.00074	.00406
%RSD	.55831	1.1916	3.1678	.79997	.02297	.25293	1.8476

#1	.21478	2.1010	.51894	.06807	3.2340	.29221	.22256
#2	.21648	2.1367	.54273	.06884	3.2330	.29325	.21682

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.964	F .51162	.31515	F .02266	1.0275	.76021	.21402
Stddev	.020	.01848	.00262	.00265	.0012	.02495	.00024
%RSD	.18485	3.6122	.83266	11.710	.11526	3.2824	.11444

#1	10.950	.49855	.31329	.02079	1.0284	.74257	.21420
#2	10.979	.52469	.31700	.02454	1.0267	.77786	.21385

Sample Name: PB114184BS Acquired: 10/31/2018 14:35:32 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: 200.7

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22123	5.784	.20755	F 2.1465	F<.00000
Stddev	.00154	.192	.00020	.3915	.01549
%RSD	.69725	3.316	.09659	18.240	.78131

#1	.22014	5.648	.20740	2.4233	-1.9934
#2	.22232	5.919	.20769	1.8696	-1.9715

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3393.8	49749.	4698.7	118.06	3894.1
Stddev	106.1	74.	20.1	2.40	112.9
%RSD	3.1248	.14971	.42760	2.0314	2.8987

#1	3468.7	49801.	4684.5	116.37	3973.9
#2	3318.8	49696.	4712.9	119.76	3814.3

Sample Name: PB114184BL Acquired: 10/31/2018 14:39:24 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14095 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00312	.00126	-.00036	-.00029	-.00039	.01272	.00028
Stddev	.00323	.00034	.00065	.00219	.00052	.00017	.00048
%RSD	103.54	27.034	179.58	748.52	133.62	1.3038	171.50

#1	.00084	.00102	.00010	.00126	-.00076	.01260	.00062
#2	.00541	.00151	-.00082	-.00184	-.00002	.01284	-.00006

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00000	.00727	.00020	.00011	-.00023	.00148
Stddev	.00003	.00004	.00178	.00020	.00021	.00028	.00290
%RSD	73.616	1177.6	24.413	98.551	187.48	121.92	196.14

#1	-.00002	-.00003	.00853	.00035	.00027	-.00003	.00353
#2	-.00007	.00002	.00602	.00006	-.00004	-.00043	-.00057

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.03658	.00073	.00005	.26842	-.00021	-.00058
Stddev	.00000	.00976	.00053	.00046	.00741	.00024	.00011
%RSD	4.1795	26.696	72.577	869.10	2.7618	117.09	18.604

#1	-.00006	-.04348	.00110	-.00027	.26318	-.00038	-.00050
#2	-.00005	-.02967	.00035	.00037	.27366	-.00004	-.00065

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.13490	-.00017	.00708	F .02002	.00881	-.00015	.00108
Stddev	.06597	.00030	.00256	.00031	.00047	.00011	.00163
%RSD	48.905	180.92	36.168	1.5640	5.3821	71.141	151.03

#1	-.08825	-.00038	.00889	.02025	.00914	-.00023	-.00007
#2	-.18155	.00005	.00527	.01980	.00847	-.00008	.00224

Sample Name: PB114184BL Acquired: 10/31/2018 14:39:24 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14095 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00041	-.0032	.00010	F 2.1184	F<.00000
Stddev	.00119	.0014	.00008	.2252	.45802
%RSD	288.74	43.27	84.283	10.629	682.06

#1	.00126	-.0022	.00015	2.2777	-.39102
#2	-.00043	-.0042	.00004	1.9592	.25672

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3627.9	48545.	4644.0	117.28	4242.3
Stddev	16.8	88.	35.6	.18	17.8
%RSD	.46274	.18111	.76573	.15073	.41929

#1	3616.0	48482.	4669.2	117.16	4229.7
#2	3639.8	48607.	4618.9	117.41	4254.9

Sample Name: PB114312BS Acquired: 10/31/2018 14:43:29 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14095 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.88949	2.0719	1.0733	2.1537	.90938	2.1466	.23159
Stddev	.00154	.0063	.0023	.0021	.00184	.0091	.00164
%RSD	.17355	.30621	.21340	.09860	.20248	.42538	.70974

#1	.89058	2.0763	1.0749	2.1552	.90807	2.1402	.23043
#2	.88840	2.0674	1.0717	2.1522	.91068	2.1531	.23276

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21296	.20258	F 1.2076	.41338	.21506	.34723	3.1325
Stddev	.00061	.00002	.0102	.00050	.00050	.00008	.0165
%RSD	.28658	.00777	.84205	.12017	.23249	.02206	.52748

#1	.21253	.20256	1.2004	.41303	.21541	.34729	3.1208
#2	.21340	.20259	1.2148	.41374	.21471	.34718	3.1442

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22991	2.2385	.51396	.07521	3.3625	.30799	.23102
Stddev	.00137	.0270	.00003	.00001	.0058	.00122	.00238
%RSD	.59390	1.2064	.00494	.01718	.17136	.39490	1.0292

#1	.22895	2.2576	.51398	.07520	3.3666	.30713	.22934
#2	.23088	2.2194	.51394	.07522	3.3585	.30885	.23270

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.655	.47572	.33263	F 2.9494	1.0981	.72386	.22473
Stddev	.058	.00038	.01041	.0110	.0115	.00108	.00232
%RSD	.49946	.07938	3.1293	.37207	1.0466	.14871	1.0319

#1	11.614	.47599	.32527	2.9416	1.0900	.72462	.22309
#2	11.696	.47545	.34000	2.9571	1.1063	.72310	.22637

Sample Name: PB114312BS Acquired: 10/31/2018 14:43:29 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14095 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23612	5.697	.21890	F 3.2381	F<.00000
Stddev	.00112	.013	.00045	.2692	.44185
%RSD	.47437	.2286	.20676	8.3140	54.815

#1	.23533	5.706	.21858	3.0477	-1.1185
#2	.23691	5.687	.21922	3.4285	-.49365

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3528.7	47249.	4530.0	113.85	4057.9
Stddev	11.6	228.	39.9	.84	14.9
%RSD	.32871	.48235	.87995	.73495	.36731

#1	3520.5	47410.	4558.2	114.44	4047.4
#2	3536.9	47088.	4501.8	113.26	4068.4

Sample Name: PB114294BL Acquired: 10/31/2018 14:47:18 Type: Unk
Method: P4-ICP2(v2535) 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	.00210	.00108	-.00138	-.00052	-.00066	-.01482	.00038	.00008
Stddev	.00099	.00006	.00049	.00436	.00128	.00864	.00001	.00001
%RSD	47.029	5.2866	35.491	844.87	195.45	58.306	1.6743	8.4291
#1	.00140	.00112	-.00173	-.00360	-.00156	-.02094	.00037	.00008
#2	.00280	.00104	-.00103	.00257	.00025	-.00871	.00038	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.01305	.00041	.00035	-.00006	-.00099	-.00003	-.03904
Stddev	.00001	.01853	.00032	.00019	.00002	.00234	.00004	.00100
%RSD	183.43	142.03	77.439	55.015	38.600	235.61	129.61	2.5505
#1	.00001	.02615	.00063	.00049	-.00004	-.00265	-.00005	-.03974
#2	-.00000	-.00006	.00019	.00022	-.00008	.00066	-.00000	-.03834
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00048	.00015	.17218	-.00016	-.00059	-.15580	-.00032	.00415
Stddev	.00021	.00016	.00752	.00022	.00004	.00843	.00002	.00490
%RSD	44.218	106.83	4.3669	135.80	5.9454	5.4079	6.3402	118.16
#1	.00033	.00027	.17749	-.00001	-.00057	-.14985	-.00031	.00761
#2	.00063	.00004	.16686	-.00031	-.00062	-.16176	-.00034	.00068
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01239	.01163	-.00030	-.00223	-.00065	-.0041	.00004	F 3.0418
Stddev	.00067	.00248	.00027	.00136	.00128	.0005	.00018	.3419
%RSD	5.3842	21.313	88.262	60.863	197.33	11.83	494.27	11.239
#1	.01192	.01338	-.00049	-.00127	.00026	-.0038	.00017	2.8001
#2	.01286	.00988	-.00011	-.00319	-.00156	-.0045	-.00009	3.2836

Sample Name: PB114294BL Acquired: 10/31/2018 14:47:18 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .35868
Stddev .34311
%RSD 95.658

#1 .60130
#2 .11607

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3598.0	48102.	4600.3	113.28	4219.7
Stddev	13.7	93.	15.1	2.83	7.8
%RSD	.38135	.19435	.32726	2.4968	.18503

#1	3588.3	48036.	4589.7	111.28	4214.2
#2	3607.7	48168.	4611.0	115.28	4225.3

Sample Name: PB114318BS Acquired: 10/31/2018 14:51:20 Type: Unk
Method: P4-ICP2(v2535) 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	.88624	2.0539	1.0706	2.1469	.90763	2.1414	.23105
Stddev	.00404	.0089	.0085	.0028	.00314	.0295	.00020
%RSD	.45581	.43378	.79267	.12850	.34606	1.3755	.08842

#1	.88339	2.0476	1.0646	2.1450	.90541	2.1206	.23120
#2	.88910	2.0602	1.0766	2.1489	.90985	2.1623	.23091

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21186	.20116	1.1956	.40903	.21369	.34459	3.0905
Stddev	.00028	.00163	.0015	.00164	.00190	.00044	.0421
%RSD	.13059	.81153	.12209	.40197	.89124	.12682	1.3619

#1	.21166	.20001	1.1946	.41019	.21234	.34489	3.0608
#2	.21205	.20232	1.1967	.40787	.21504	.34428	3.1203

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22738	2.2068	.50832	.07377	3.3008	.30243	.22876
Stddev	.00047	.0180	.00430	.00001	.0291	.00004	.00346
%RSD	.20542	.81374	.84558	.01859	.88283	.01196	1.5136

#1	.22771	2.2195	.50528	.07376	3.3215	.30240	.22631
#2	.22705	2.1941	.51136	.07378	3.2802	.30246	.23121

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.648	.47279	.32228	F 3.0345	1.0857	.72014	.22192
Stddev	.011	.00042	.00384	.0158	.0030	.00447	.00005
%RSD	.09485	.08791	1.1919	.52181	.27930	.62008	.02383

#1	11.656	.47308	.31957	3.0233	1.0878	.71698	.22188
#2	11.640	.47249	.32500	3.0457	1.0835	.72330	.22196

Sample Name: PB114318BS Acquired: 10/31/2018 14:51:20 Type: Unk
Method: P4-ICP2(v2535) 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	.23279	5.665	.21529	F 3.4518	F<.00000
Stddev	.00180	.022	.00005	.0200	.02595
%RSD	.77500	.3898	.02169	.57887	2.0253

#1	.23406	5.650	.21532	3.4377	-1.2994
#2	.23151	5.681	.21526	3.4659	-1.2628

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3454.9	46515.	4461.6	112.12	3972.1
Stddev	21.8	115.	33.7	.99	7.1
%RSD	.63065	.24787	.75631	.87884	.17929

#1	3439.5	46433.	4437.7	112.82	3967.1
#2	3470.3	46596.	4485.5	111.43	3977.2

Sample Name: CCV04 Acquired: 10/31/2018 14:55:09 Type: Unk
Method: P4-ICP2(v2535) 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	5.4016	4.9019	5.1951	5.2391	5.4878	10.283	10.481	.26012
Stddev	.0035	.0019	.0044	.0056	.0070	.023	.031	.00002
%RSD	.06469	.03764	.08471	.10674	.12709	.22437	.30029	.00930
#1	5.3991	4.9006	5.1920	5.2352	5.4927	10.299	10.458	.26014
#2	5.4040	4.9032	5.1982	5.2431	5.4829	10.267	10.503	.26010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4857	27.229	.94431	2.5519	1.3060	4.8833	2.6027	25.685
Stddev	.0000	.196	.00089	.0025	.0018	.0655	.0019	.049
%RSD	.00103	.72038	.09432	.09935	.13740	1.3424	.07368	.19030
#1	2.4858	27.090	.94368	2.5501	1.3047	4.8370	2.6040	25.720
#2	2.4857	27.367	.94494	2.5537	1.3073	4.9297	2.6013	25.651
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4290	1.2325	24.070	2.3608	2.7382	26.975	5.4720	4.9823
Stddev	.0037	.0006	.091	.0054	.0318	.071	.0052	.0288
%RSD	.15082	.04876	.37763	.22913	1.1609	.26490	.09404	.57808
#1	2.4316	1.2321	24.006	2.3570	2.7157	26.924	5.4684	4.9619
#2	2.4264	1.2329	24.134	2.3646	2.7607	27.025	5.4757	5.0026
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7678	5.4946	5.0150	5.1138	5.2869	4.895	5.0495	4.7810
Stddev	.0092	.0282	.0040	.0058	.0078	.009	.0046	.2559
%RSD	.19193	.51342	.08071	.11362	.14672	.1818	.09125	5.3526
#1	4.7743	5.4747	5.0179	5.1097	5.2814	4.889	5.0528	4.6001
#2	4.7613	5.5146	5.0122	5.1179	5.2924	4.901	5.0463	4.9620

Sample Name: CCV04 Acquired: 10/31/2018 14:55:09 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.9843
Stddev .2142
%RSD 10.796

#1 1.8328
#2 2.1358

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3446.8	45765.	4517.3	108.99	3734.2
Stddev	3.8	42.	22.4	1.06	4.0
%RSD	.10907	.09173	.49680	.97356	.10765

#1	3444.1	45736.	4533.2	109.74	3731.4
#2	3449.5	45795.	4501.5	108.24	3737.1

Sample Name: CCB04 Acquired: 10/31/2018 14:58:52 Type: Unk
Method: P4-ICP2(v2535) 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	.00379	.00158	-.00046	-.00210	-.00112	-.00049	.00120
Stddev	.00058	.00083	.00124	.00185	.00256	.01860	.00041
%RSD	15.211	52.832	269.15	88.111	227.55	3773.4	34.529

#1	.00338	.00216	.00042	-.00079	-.00293	-.01365	.00091
#2	.00419	.00099	-.00134	-.00341	.00068	.01266	.00149

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00003	-.00172	.00038	.00043	-.00046	.00155
Stddev	.00001	.00013	.01619	.00002	.00020	.00004	.00239
%RSD	52.380	471.69	943.02	5.4413	47.266	9.6755	154.61

#1	.00001	-.00012	-.01316	.00036	.00057	-.00043	.00324
#2	.00002	.00006	.00973	.00039	.00028	-.00050	-.00014

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.03169	.00049	.00093	.11217	.00015	-.00053
Stddev	.00009	.01433	.00027	.00036	.00048	.00025	.00003
%RSD	251.59	45.221	55.994	38.449	.43186	165.28	6.1322

#1	.00003	-.04182	.00030	.00068	.11252	.00032	-.00055
#2	-.00010	-.02156	.00068	.00119	.11183	-.00003	-.00051

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.15846	.00031	.00956	F .00879	.01081	-.00084	.00109
Stddev	.02870	.00026	.00665	.00134	.00332	.00040	.00085
%RSD	18.111	82.389	69.502	15.246	30.732	48.015	78.259

#1	-.13817	.00013	.00486	.00784	.01315	-.00112	.00049
#2	-.17875	.00049	.01426	.00974	.00846	-.00055	.00169

Sample Name: CCB04 Acquired: 10/31/2018 14:58:52 Type: Unk
 Method: P4-ICP2(v2535) 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	-.00074	-.0024	.00006	F 2.7193	F<.00000
Stddev	.00032	.0015	.00003	.0812	.13601
%RSD	43.704	64.99	45.940	2.9872	58.868

#1	-.00051	-.0034	.00004	2.7768	-.13487
#2	-.00097	-.0013	.00008	2.6619	-.32722

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3610.0	48470.	4661.2	117.12	4236.7
Stddev	14.1	231.	18.3	1.69	11.7
%RSD	.38949	.47574	.39283	1.4439	.27590

#1	3600.1	48307.	4648.3	115.93	4228.5
#2	3619.9	48633.	4674.2	118.32	4245.0

Sample Name: J5658-02RE Acquired: 10/31/2018 15:02:56 Type: Unk
Method: P4-ICP2(v2535) 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	.07444	-.00853	1.8744	-.03860	.00679	127.42	1.1332
Stddev	.00001	.00143	.0069	.00144	.00025	.56	.0009
%RSD	.01341	16.804	.36993	3.7257	3.6766	.43642	.07631

#1	.07444	-.00752	1.8793	-.03758	.00697	127.82	1.1338
#2	.07443	-.00955	1.8695	-.03961	.00662	127.03	1.1326

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00211	-.00203	127.70	.20331	.08506	.28715	282.91
Stddev	.00016	.00018	.99	.00001	.00009	.00165	2.61
%RSD	7.3695	8.7543	.77799	.00347	.11042	.57409	.92197

#1	.00222	-.00190	127.00	.20330	.08512	.28832	281.07
#2	.00200	-.00215	128.41	.20331	.08499	.28599	284.76

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.827	51.276	.17354	.00405	.69599	.24068	1.2828
Stddev	.029	.132	.00164	.00027	.00097	.00138	.0125
%RSD	.27024	.25836	.94276	6.7602	.13947	.57408	.97124

#1	10.848	51.370	.17470	.00386	.69668	.24165	1.2740
#2	10.807	51.182	.17239	.00424	.69531	.23970	1.2916

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.8490	.01846	.03252	5.1426	6.5767	.02160	1.1565
Stddev	.0178	.00002	.00282	.0205	.0610	.00139	.0009
%RSD	.22650	.10282	8.6725	.39962	.92764	6.4171	.07479

#1	7.8364	.01845	.03451	5.1572	6.5336	.02258	1.1559
#2	7.8615	.01847	.03052	5.1281	6.6198	.02062	1.1571

Sample Name: J5658-02RE Acquired: 10/31/2018 15:02:56 Type: Unk
 Method: P4-ICP2(v2535) 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	.13582	F 28.03	.07390	<.00000	F<.00000
Stddev	.00011	.19	.00272	.81386	.77542
%RSD	.08041	.6778	3.6849	6.7793	1.4109

#1	.13574	28.16	.07582	-11.430	-54.410
#2	.13589	27.89	.07197	-12.581	-55.507

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3910.5	52120.	5297.9	103.36	3561.8
Stddev	20.3	362.	6.0	1.04	16.4
%RSD	.51883	.69549	.11384	1.0059	.46138

#1	3896.1	51863.	5302.2	104.09	3550.2
#2	3924.8	52376.	5293.7	102.62	3573.4

Sample Name: PB114318BL Acquired: 10/31/2018 15:06:59 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: 200.7

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00415	.00016	-.00107	-.00152	-.00162	.00820	.00081	.00005
Stddev	.00136	.00112	.00029	.00126	.00018	.00327	.00000	.00003
%RSD	32.788	701.64	26.709	83.226	11.320	39.894	.16872	53.290

#1	.00319	.00095	-.00127	-.00241	-.00175	.01052	.00081	.00007
#2	.00511	-.00063	-.00087	-.00062	-.00149	.00589	.00081	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00699	.00031	.00035	-.00023	.00717	-.00003	-.00327
Stddev	.00000	.02108	.00032	.00024	.00064	.00545	.00008	.01320
%RSD	4.1110	301.51	103.70	66.697	273.38	76.002	236.33	404.07

#1	.00004	-.02189	.00008	.00019	.00022	.01103	.00002	-.01260
#2	.00005	.00791	.00054	.00052	-.00069	.00332	-.00009	.00607

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00070	.00016	.03334	.00021	-.00055	-.17044	.00009	.00743
Stddev	.00012	.00002	.00603	.00003	.00005	.00003	.00003	.00534
%RSD	17.838	13.509	18.076	15.094	9.3152	.01552	38.244	71.776

#1	.00061	.00014	.02908	.00023	-.00052	-.17045	.00006	.00366
#2	.00078	.00017	.03760	.00019	-.00059	-.17042	.00011	.01121

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00983	.01528	-.00006	.00051	-.00095	-.0035	-.00001	F 3.7354
Stddev	.00008	.00170	.00022	.00215	.00261	.0005	.00005	.0546
%RSD	.84573	11.157	370.49	420.42	274.36	14.13	901.51	1.4628

#1	.00989	.01408	.00010	-.00101	.00090	-.0039	.00003	3.6967
#2	.00977	.01649	-.00022	.00203	-.00280	-.0032	-.00004	3.7740

Sample Name: PB114318BL Acquired: 10/31/2018 15:06:59 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: 200.7

Elem	U_3859
Units	ppm
Avg	F .18195
Stddev	.18877
%RSD	103.74

#1	.04848
#2	.31543

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3558.5	46684.	4445.4	108.49	4176.0
Stddev	52.6	882.	8.4	.64	57.3
%RSD	1.4788	1.8882	.18849	.59204	1.3723

#1	3521.3	46061.	4439.4	108.03	4135.4
#2	3595.7	47308.	4451.3	108.94	4216.5

Sample Name: PB114310BS Acquired: 10/31/2018 15:11:02 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: 200.7

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.90195	2.0734	1.0818	2.1757	.91572	2.1326	F .23391
Stddev	.00310	.0010	.0008	.0038	.00204	.0106	.00118
%RSD	.34325	.04873	.07600	.17633	.22244	.49679	.50502

#1	.89976	2.0741	1.0824	2.1784	.91716	2.1251	.23474
#2	.90414	2.0726	1.0812	2.1730	.91428	2.1401	.23307

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21344	.20364	F 1.2039	.40976	.21655	F .34804	3.1022
Stddev	.00093	.00040	.0099	.00247	.00020	.00035	.0789
%RSD	.43734	.19780	.82404	.60250	.09076	.10018	2.5446

#1	.21278	.20335	1.1968	.40801	.21641	.34829	3.1580
#2	.21410	.20392	1.2109	.41150	.21669	.34780	3.0464

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22975	2.2323	.51494	.07489	3.2845	.30454	F .23107
Stddev	.00153	.0755	.00025	.00013	.0026	.00237	.00496
%RSD	.66654	3.3838	.04923	.17945	.08043	.77715	2.1454

#1	.22867	2.1789	.51477	.07499	3.2864	.30287	.23458
#2	.23083	2.2857	.51512	.07480	3.2826	.30621	.22757

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.646	F .47895	.33142	F 3.0751	F 1.1094	.73033	.22495
Stddev	.050	.00013	.00662	.0062	.0006	.00196	.00186
%RSD	.42742	.02705	1.9987	.20091	.05140	.26894	.82558

#1	11.611	.47904	.32674	3.0708	1.1098	.72894	.22364
#2	11.682	.47885	.33610	3.0795	1.1090	.73172	.22627

Sample Name: PB114310BS Acquired: 10/31/2018 15:11:02 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: 200.7

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .23523	5.730	.21964	F 3.3858	F<.00000
Stddev	.00196	.007	.00039	.0635	.37843
%RSD	.83450	.1292	.17744	1.8766	27.142

#1	.23384	5.735	.21936	3.3409	-1.6619
#2	.23662	5.725	.21991	3.4308	-1.1267

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3419.8	46056.	4410.3	111.40	3932.1
Stddev	7.3	64.	32.6	2.49	10.5
%RSD	.21203	.13807	.73992	2.2322	.26633

#1	3414.6	46101.	4387.3	109.64	3924.7
#2	3424.9	46011.	4433.4	113.16	3939.5

Sample Name: PB114312BL Acquired: 10/31/2018 15:14:51 Type: Unk
Method: P4-ICP2(v2535) 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	.00398	-.00010	-.00035	.00005	-.00074	-.01100	.00175
Stddev	.00154	.00023	.00025	.00360	.00031	.00521	.00118
%RSD	38.641	239.50	70.807	6744.4	42.536	47.403	67.306

#1	.00289	-.00026	-.00052	.00260	-.00096	-.00731	.00092
#2	.00507	.00007	-.00017	-.00249	-.00052	-.01468	.00258

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00005	.01943	.00046	.00024	-.00029	.00653
Stddev	.00000	.00004	.01018	.00017	.00009	.00006	.00407
%RSD	31.782	82.249	52.395	35.911	39.503	21.777	62.317

#1	.00001	-.00008	.02662	.00058	.00030	-.00024	.00365
#2	.00001	-.00002	.01223	.00034	.00017	-.00033	.00940

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.05892	.00087	.00080	.02824	-.00014	-.00057
Stddev	.00003	.03452	.00017	.00017	.01235	.00035	.00014
%RSD	29.268	58.596	19.802	21.627	43.741	253.68	24.636

#1	-.00007	-.03450	.00075	.00068	.01950	.00011	-.00066
#2	-.00011	-.08333	.00099	.00092	.03697	-.00039	-.00047

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.21842	-.00004	.01028	.00310	.01820	-.00038	.00047
Stddev	.00106	.00002	.00513	.00097	.00234	.00019	.00238
%RSD	.48619	50.759	49.909	31.202	12.839	48.489	502.05

#1	-.21766	-.00002	.00665	.00378	.01655	-.00052	.00216
#2	-.21917	-.00005	.01390	.00241	.01985	-.00025	-.00121

Sample Name: PB114312BL Acquired: 10/31/2018 15:14:51 Type: Unk
Method: P4-ICP2(v2535) 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	-0.00174	-0.0035	-0.00005	F 2.8777	F<.00000
Stddev	.00061	.0016	.00010	.1139	.06292
%RSD	35.251	46.37	181.70	3.9590	25.237

#1	-0.00218	-0.0024	.00002	2.9582	-.29380
#2	-0.00131	-0.0047	-0.00012	2.7971	-.20482

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3505.8	47900.	4298.2	106.17	4121.8
Stddev	97.6	391.	280.3	6.72	116.3
%RSD	2.7831	.81703	6.5202	6.3273	2.8221

#1	3436.8	48177.	4496.3	110.92	4039.6
#2	3574.8	47624.	4100.0	101.42	4204.1

Sample Name: PB114228BS Acquired: 10/31/2018 15:18:55 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: 200.7

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86942	2.0191	1.0480	2.1222	.89255	2.0545	.22763
Stddev	.00362	.0042	.0001	.0057	.00176	.0132	.00016
%RSD	.41616	.20653	.01211	.26693	.19733	.64182	.07107

#1	.86687	2.0161	1.0481	2.1262	.89380	2.0451	.22774
#2	.87198	2.0220	1.0479	2.1182	.89131	2.0638	.22751

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20882	.19700	F 1.1656	.39812	.20827	.33762	3.0743
Stddev	.00059	.00062	.0177	.00232	.00004	.00069	.0410
%RSD	.28476	.31714	1.5215	.58153	.01945	.20548	1.3325

#1	.20840	.19656	1.1782	.39649	.20825	.33713	3.1033
#2	.20924	.19744	1.1531	.39976	.20830	.33811	3.0454

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22218	2.1917	.49568	.07211	3.1654	.29495	.22890
Stddev	.00012	.0512	.00019	.00055	.0040	.00036	.00007
%RSD	.05366	2.3341	.03830	.76631	.12619	.12133	.03129

#1	.22210	2.1556	.49554	.07250	3.1626	.29521	.22885
#2	.22227	2.2279	.49581	.07172	3.1683	.29470	.22895

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.316	F .46128	.31094	F 6.1822	F 1.0862	.70737	.21749
Stddev	.001	.00086	.00454	.0141	.0053	.00200	.00122
%RSD	.00930	.18557	1.4616	.22841	.49285	.28284	.56267

#1	11.315	.46067	.30772	6.1922	1.0900	.70595	.21662
#2	11.316	.46188	.31415	6.1722	1.0824	.70878	.21835

Sample Name: PB114228BS Acquired: 10/31/2018 15:18:55 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: 200.7

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22818	F 5.572	.21299	F 2.7994	F<.00000
Stddev	.00136	.009	.00106	.0577	.49586
%RSD	.59421	.1699	.49760	2.0623	35.892

#1	.22722	5.578	.21374	2.7585	-1.7322
#2	.22914	5.565	.21224	2.8402	-1.0309

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3526.0	47301.	4499.1	112.21	4060.9
Stddev	16.2	19.	29.0	.82	22.2
%RSD	.46064	.03975	.64553	.72992	.54706

#1	3514.5	47314.	4478.6	111.63	4045.2
#2	3537.5	47287.	4519.6	112.79	4076.6

Sample Name: PB114312TB Acquired: 10/31/2018 15:22:44 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00086	-.00145	.00243	.00076	.00016	.00841	.00098	-.00003
Stddev	.00043	.00051	.00129	.00033	.00147	.00473	.00013	.00002
%RSD	49.762	35.222	53.044	44.189	934.46	56.250	13.379	58.890
#1	-.00116	-.00181	.00152	.00099	-.00088	.00506	.00089	-.00005
#2	-.00056	-.00109	.00334	.00052	.00120	.01175	.00107	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00098	.00136	.00011	-.00119	.00682	.00004	.02181
Stddev	.00001	.00827	.00046	.00031	.00017	.00559	.00001	.00110
%RSD	15.922	846.55	33.995	286.92	14.260	82.089	14.668	5.0207
#1	-.00004	.00487	.00169	-.00011	-.00107	.00286	.00004	.02104
#2	-.00003	-.00683	.00104	.00033	-.00131	.01077	.00005	.02259
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00212	.00170	F 325.72	.00022	.00154	-.07308	.00015	.00976
Stddev	.00071	.00073	.99	.00009	.00013	.00544	.00001	.01563
%RSD	33.597	42.748	.30431	43.422	8.3010	7.4408	6.1056	160.12
#1	.00262	.00119	325.02	.00015	.00145	-.06924	.00016	-.00129
#2	.00161	.00222	326.42	.00028	.00163	-.07693	.00015	.02081
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00421	.01643	.00102	.00067	-.00051	-.0051	-.00005	F 5.2824
Stddev	.00613	.00236	.00142	.00215	.00172	.0007	.00007	.1579
%RSD	145.36	14.392	138.96	319.47	336.84	13.40	132.12	2.9889
#1	-.00012	.01476	.00002	-.00085	.00071	-.0056	-.00000	5.1707
#2	.00855	.01810	.00203	.00219	-.00173	-.0047	-.00010	5.3940

Sample Name: PB114312TB Acquired: 10/31/2018 15:22:44 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .61772
Stddev .10285
%RSD 16.650

#1 .54500
#2 .69045

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3141.3	42058.	4294.8	102.35	3448.3
Stddev	11.1	42.	7.4	1.64	10.8
%RSD	.35335	.09934	.17115	1.6005	.31337

#1	3133.4	42029.	4289.6	103.51	3440.6
#2	3149.1	42088.	4300.0	101.19	3455.9

Sample Name: PB114310BL Acquired: 10/31/2018 15:26:55 Type: Unk
Method: P4-ICP2(v2535) 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	.00124	.00109	.00028	-.00005	-.00320	.00296	.00050	.00003
Stddev	.00040	.00037	.00194	.00102	.00028	.00037	.00051	.00003
%RSD	31.969	33.598	697.73	1950.1	8.8914	12.342	102.75	105.82
#1	.00152	.00083	-.00109	-.00078	-.00300	.00270	.00014	.00005
#2	.00096	.00135	.00165	.00067	-.00340	.00322	.00086	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.01823	.00001	.00023	-.00014	-.00138	-.00006	-.02540
Stddev	.00002	.01217	.00008	.00006	.00044	.00218	.00000	.01558
%RSD	69.416	66.751	999.66	25.629	304.14	158.24	7.2119	61.345
#1	-.00004	.00962	-.00005	.00019	.00017	-.00292	-.00007	-.03642
#2	-.00001	.02683	.00007	.00027	-.00046	.00016	-.00006	-.01438
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.00045	.07537	.00003	-.00057	-.22589	-.00004	.00764
Stddev	.00020	.00028	.01507	.00074	.00001	.01100	.00005	.00109
%RSD	133.90	62.438	20.000	2547.7	.99886	4.8715	113.56	14.269
#1	.00001	.00025	.08602	-.00049	-.00056	-.23367	-.00001	.00842
#2	.00029	.00065	.06471	.00055	-.00057	-.21811	-.00007	.00687
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00030	.01088	-.00031	-.00037	-.00155	-.0042	.00008	F 3.3627
Stddev	.00135	.00217	.00000	.00027	.00107	.0014	.00009	.0629
%RSD	443.12	19.943	.66616	73.403	69.220	32.93	109.02	1.8696
#1	-.00065	.00935	-.00031	-.00018	-.00231	-.0052	.00002	3.4071
#2	.00126	.01241	-.00031	-.00056	-.00079	-.0032	.00014	3.3182

Sample Name: PB114310BL Acquired: 10/31/2018 15:26:55 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .16826
Stddev	.31926
%RSD	189.74

#1	.39401
#2	-.05749

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3477.5	46563.	4446.1	109.84	4081.2
Stddev	.2	56.	47.2	.66	10.2
%RSD	.00703	.12015	1.0622	.60083	.24993

#1	3477.7	46524.	4479.5	109.38	4074.0
#2	3477.3	46603.	4412.7	110.31	4088.4

Sample Name: PB114294BS Acquired: 10/31/2018 15:31:00 Type: Unk
Method: P4-ICP2(v2535) 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	.86949	2.0011	1.0402	2.1114	.88930	2.0293	.22287
Stddev	.00251	.0036	.0043	.0081	.00326	.0063	.00069
%RSD	.28909	.17733	.41039	.38225	.36629	.31165	.30952

#1	.87127	1.9986	1.0372	2.1057	.88699	2.0248	.22335
#2	.86772	2.0036	1.0432	2.1171	.89160	2.0337	.22238

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20713	.19503	1.1450	.38986	.20712	.33484	2.9370
Stddev	.00014	.00041	.0006	.00147	.00018	.00023	.0712
%RSD	.06604	.20972	.05164	.37778	.08914	.06815	2.4224

#1	.20703	.19474	1.1446	.38882	.20699	.33500	2.8867
#2	.20723	.19531	1.1454	.39090	.20725	.33467	2.9873

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21921	2.1782	.49204	.07164	3.1487	.28933	.22018
Stddev	.00010	.0370	.00150	.00042	.0042	.00039	.00331
%RSD	.04516	1.7006	.30387	.59007	.13462	.13414	1.5031

#1	.21914	2.2044	.49098	.07194	3.1457	.28960	.21784
#2	.21928	2.1520	.49310	.07134	3.1517	.28905	.22252

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.247	.45885	.31325	F 6.1274	1.0726	.70170	.21418
Stddev	.021	.00088	.00218	.0230	.0008	.00090	.00359
%RSD	.19018	.19182	.69643	.37604	.07644	.12804	1.6760

#1	11.232	.45823	.31170	6.1111	1.0732	.70106	.21672
#2	11.262	.45947	.31479	6.1437	1.0720	.70234	.21164

Sample Name: PB114294BS Acquired: 10/31/2018 15:31:00 Type: Unk
 Method: P4-ICP2(v2535) 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	.22442	5.516	.20951	F 2.7618	F<.00000
Stddev	.00224	.024	.00025	.1172	.26757
%RSD	.99957	.4389	.11849	4.2429	20.240

#1	.22600	5.499	.20968	2.6789	-1.5112
#2	.22283	5.533	.20933	2.8446	-1.1328

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3527.2	47786.	4550.6	116.29	4075.6
Stddev	5.3	5.	23.4	1.56	8.6
%RSD	.15093	.01118	.51387	1.3400	.21106

#1	3523.5	47789.	4534.0	117.40	4069.5
#2	3531.0	47782.	4567.1	115.19	4081.7

Sample Name: PB114310TB Acquired: 10/31/2018 15:34:51 Type: Unk
Method: P4-ICP2(v2535) 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	-.00025	-.00233	.00125	.00327	-.00029	.00369	.00032	.00001
Stddev	.00213	.00084	.00003	.00035	.00076	.01259	.00045	.00001
%RSD	852.55	36.178	2.6018	10.546	260.04	341.26	139.66	151.27

#1	-.00176	-.00173	.00123	.00352	.00025	.01260	.00064	-.00000
#2	.00126	-.00293	.00128	.00303	-.00083	-.00521	.00000	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.01474	.00103	-.00013	-.00016	.00720	.00015	-.00893
Stddev	.00004	.00945	.00027	.00016	.00009	.00093	.00005	.00153
%RSD	88.233	64.121	26.421	120.49	57.747	12.868	30.265	17.130

#1	-.00002	-.00806	.00122	-.00002	-.00010	.00654	.00012	-.01002
#2	-.00007	-.02142	.00084	-.00025	-.00023	.00785	.00018	-.00785

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00199	.00216	F 347.11	-.00028	.00458	-.09553	-.00019	.00911
Stddev	.00010	.00028	2.73	.00022	.00012	.00951	.00026	.00371
%RSD	4.8022	13.081	.78762	79.202	2.6248	9.9534	141.93	40.719

#1	.00206	.00196	345.17	-.00012	.00467	-.08880	.00000	.01173
#2	.00192	.00236	349.04	-.00044	.00450	-.10225	-.00037	.00648

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00393	.02191	.00186	-.00099	-.00092	-.0063	.00001	F 5.2877
Stddev	.00216	.00518	.00036	.00087	.00105	.0012	.00005	.3635
%RSD	54.975	23.656	19.106	87.671	113.90	19.50	523.06	6.8754

#1	.00240	.02557	.00211	-.00038	-.00166	-.0072	-.00003	5.0306
#2	.00546	.01824	.00161	-.00160	-.00018	-.0054	.00005	5.5447

Sample Name: PB114310TB Acquired: 10/31/2018 15:34:51 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .74555
Stddev .01513
%RSD 2.0299

#1 .73485
#2 .75625

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3122.5	42073.	4286.8	104.94	3436.5
Stddev	9.6	171.	3.7	1.80	15.4
%RSD	.30693	.40566	.08660	1.7127	.44930

#1	3115.7	41952.	4284.2	103.67	3425.6
#2	3129.2	42194.	4289.4	106.21	3447.4

Sample Name: PB114297BL Acquired: 10/31/2018 15:39:02 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: DOD

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00389	.00008	.00048	.00061	-.00105	-.00237	.00022
Stddev	.00115	.00037	.00065	.00279	.00013	.00466	.00073
%RSD	29.645	446.70	134.99	460.69	12.377	196.27	331.90

#1	.00471	-.00018	.00094	.00258	-.00115	.00092	.00073
#2	.00307	.00034	.00002	-.00137	-.00096	-.00567	-.00030

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00003	-.00842	.00020	.00029	.00012	-.01134
Stddev	.00005	.00003	.00000	.00001	.00004	.00059	.00713
%RSD	341.31	91.139	.04763	3.6059	13.873	485.68	62.880

#1	-.00005	.00001	-.00842	.00020	.00027	-.00029	-.01639
#2	.00002	.00005	-.00841	.00019	.00032	.00053	-.00630

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.03604	.00071	.00085	.07960	-.00028	-.00077
Stddev	.00004	.00598	.00010	.00022	.01042	.00006	.00002
%RSD	55.189	16.600	14.387	25.978	13.086	21.345	3.1279

#1	-.00004	-.04027	.00079	.00101	.08697	-.00024	-.00079
#2	-.00010	-.03181	.00064	.00070	.07224	-.00032	-.00076

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.21640	-.00029	.00119	.00211	.00989	-.00071	.00050
Stddev	.05615	.00013	.00378	.00207	.00000	.00016	.00187
%RSD	25.945	45.452	318.19	98.167	.02176	22.185	372.38

#1	-.17670	-.00019	-.00149	.00357	.00989	-.00060	-.00082
#2	-.25611	-.00038	.00386	.00064	.00989	-.00082	.00183

Sample Name: PB114297BL Acquired: 10/31/2018 15:39:02 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: DOD

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00119	-0.0040	-0.00004	F 3.3997	F<.00000
Stddev	.00065	.0004	.00013	.1191	.44480
%RSD	54.592	11.23	342.99	3.5037	966.95

#1	-0.00073	-0.0036	.00005	3.4839	-.36052
#2	-0.00165	-0.0043	-0.00013	3.3155	.26852

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3543.6	47505.	4549.9	115.77	4176.6
Stddev	5.1	79.	2.6	2.72	27.4
%RSD	.14280	.16592	.05694	2.3516	.65503

#1	3540.0	47561.	4551.7	117.69	4157.3
#2	3547.2	47449.	4548.1	113.84	4195.9

Sample Name: CCV05 Acquired: 10/31/2018 15:43:05 Type: Unk
Method: P4-ICP2(v2535) 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	5.4283	4.8341	5.1763	5.2166	5.4893	10.166	10.331	.25818
Stddev	.0050	.0015	.0045	.0141	.0037	.045	.044	.00042
%RSD	.09115	.03096	.08653	.27134	.06677	.44638	.42282	.16176

#1	5.4318	4.8352	5.1795	5.2066	5.4919	10.134	10.300	.25848
#2	5.4248	4.8330	5.1731	5.2266	5.4867	10.198	10.362	.25789

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4613	26.662	.92779	2.5332	1.2919	4.7898	2.5750	25.449
Stddev	.0019	.249	.00048	.0011	.0006	.0003	.0039	.022
%RSD	.07935	.93248	.05171	.04181	.04593	.00552	.15144	.08506

#1	2.4627	26.486	.92812	2.5339	1.2923	4.7900	2.5778	25.464
#2	2.4599	26.837	.92745	2.5324	1.2915	4.7897	2.5723	25.434

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3948	1.2209	23.851	2.3067	2.6912	26.600	5.4867	4.8920
Stddev	.0052	.0009	.043	.0061	.0165	.061	.0044	.0114
%RSD	.21784	.07576	.17833	.26378	.61318	.23094	.07999	.23369

#1	2.3985	1.2202	23.820	2.3110	2.7029	26.557	5.4898	4.8839
#2	2.3911	1.2215	23.881	2.3024	2.6795	26.644	5.4836	4.9001

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6821	5.4366	4.9725	5.0536	5.2057	4.830	4.9974	F 4.4208
Stddev	.0024	.0019	.0087	.0208	.0267	.006	.0077	.0058
%RSD	.05196	.03464	.17462	.41189	.51346	.1259	.15500	.13186

#1	4.6838	5.4353	4.9664	5.0389	5.1868	4.834	4.9919	4.4249
#2	4.6803	5.4380	4.9787	5.0683	5.2246	4.826	5.0029	4.4166

Sample Name: CCV05 Acquired: 10/31/2018 15:43:05 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.8336
Stddev .1979
%RSD 10.792

#1 1.6937
#2 1.9736

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3439.5	46164.	4578.5	110.91	3753.8
Stddev	8.0	32.	1.7	.89	7.4
%RSD	.23315	.06931	.03644	.80109	.19703

#1	3433.9	46142.	4577.3	110.28	3748.6
#2	3445.2	46187.	4579.7	111.54	3759.0

Sample Name: CCB05 Acquired: 10/31/2018 15:46:49 Type: Unk
Method: P4-ICP2(v2535) 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	.00480	.00096	-.00074	-.00226	-.00006	.00155	.00028	.00002
Stddev	.00061	.00028	.00133	.00185	.00056	.00363	.00023	.00003
%RSD	12.713	29.513	179.87	81.782	861.12	234.48	79.588	133.93

#1	.00523	.00116	-.00167	-.00095	-.00046	.00412	.00012	.00005
#2	.00437	.00076	.00020	-.00357	.00033	-.00102	.00044	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00377	.00031	.00026	-.00011	-.00519	-.00003	-.03737
Stddev	.00002	.01486	.00028	.00001	.00010	.00403	.00007	.02867
%RSD	64.998	394.57	89.392	2.8249	94.662	77.630	256.74	76.721

#1	-.00005	.00674	.00012	.00027	-.00018	-.00804	-.00007	-.01710
#2	-.00002	-.01428	.00051	.00026	-.00004	-.00234	.00002	-.05765

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00084	.00064	-.00034	-.00032	-.00064	-.20877	.00037	.01020
Stddev	.00036	.00006	.00008	.00044	.00008	.03456	.00002	.00615
%RSD	42.435	9.2698	22.884	137.23	12.569	16.552	6.6384	60.278

#1	.00059	.00068	-.00028	-.00063	-.00070	-.18433	.00036	.00585
#2	.00110	.00060	-.00039	-.00001	-.00058	-.23320	.00039	.01454

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00192	.01191	-.00025	-.00023	-.00074	-.0043	.00008	F 3.1275
Stddev	.00090	.00363	.00012	.00209	.00106	.0001	.00000	.2785
%RSD	47.017	30.512	47.409	904.97	143.30	1.948	2.6429	8.9047

#1	.00128	.01448	-.00016	-.00171	-.00149	-.0044	.00007	3.3244
#2	.00256	.00934	-.00033	.00125	.00001	-.0043	.00008	2.9305

Sample Name: CCB05 Acquired: 10/31/2018 15:46:49 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .53656
Stddev .14464
%RSD 26.956

#1 .63883
#2 .43429

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3548.4	48088.	4605.8	115.35	4209.3
Stddev	10.2	7.	42.3	1.29	11.0
%RSD	.28869	.01482	.91949	1.1188	.26051

#1	3541.2	48083.	4635.7	116.26	4201.6
#2	3555.6	48093.	4575.8	114.43	4217.1

Sample Name: PB114341BS Acquired: 10/31/2018 15:50:53 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: DOD

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.93168	2.1265	1.1143	2.2778	.95436	2.1615	.23671
Stddev	.00474	.0080	.0062	.0155	.00724	.0207	.00136
%RSD	.50873	.37844	.55562	.67958	.75894	.95742	.57436

#1	.92833	2.1208	1.1099	2.2669	.94924	2.1761	.23767
#2	.93503	2.1322	1.1186	2.2887	.95948	2.1469	.23574

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22263	.20863	1.1935	.41216	.21894	.35983	3.1364
Stddev	.00051	.00066	.0188	.00019	.00093	.00237	.0077
%RSD	.22754	.31477	1.5743	.04677	.42413	.65910	.24481

#1	.22227	.20816	1.1802	.41230	.21829	.35815	3.1310
#2	.22299	.20909	1.2068	.41202	.21960	.36151	3.1418

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23234	2.2688	.51988	.07666	3.2579	.30285	.23774
Stddev	.00001	.0028	.00265	.00014	.0117	.00064	.00371
%RSD	.00225	.12437	.50978	.18641	.35754	.21234	1.5590

#1	.23234	2.2668	.51801	.07676	3.2661	.30240	.23512
#2	.23234	2.2708	.52175	.07656	3.2496	.30331	.24036

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.894	F .48815	.33623	9.4255	F 1.1611	.74719	.22862
Stddev	.026	.00361	.00484	.0066	.0033	.00219	.00080
%RSD	.21487	.73888	1.4389	.06964	.28469	.29250	.34872

#1	11.876	.48560	.33281	9.4208	1.1587	.74564	.22919
#2	11.912	.49070	.33965	9.4301	1.1634	.74873	.22806

Sample Name: PB114341BS Acquired: 10/31/2018 15:50:53 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment: DOD

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23982	5.896	.22077	F 2.5106	F<.00000
Stddev	.00151	.006	.00206	.0737	.09739
%RSD	.62944	.1054	.93450	2.9340	6.0524

#1	.23876	5.900	.22223	2.5627	-1.6780
#2	.24089	5.892	.21931	2.4586	-1.5403

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3538.6	47828.	4575.3	116.28	4107.1
Stddev	1.0	.	8.4	1.03	7.6
%RSD	.02966	.00061	.18260	.88499	.18393

#1	3537.8	47828.	4581.2	117.01	4101.7
#2	3539.3	47828.	4569.4	115.55	4112.4

Sample Name: PB114341BL Acquired: 10/31/2018 15:54:42 Type: Unk
Method: P4-ICP2(v2535) 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	.00367	.00077	.00017	.00062	-.00083	.00834	-.00027
Stddev	.00239	.00002	.00035	.00199	.00087	.01405	.00070
%RSD	65.007	2.8386	201.97	318.93	104.49	168.47	259.63

#1	.00198	.00078	-.00007	-.00078	-.00144	-.00159	-.00076
#2	.00536	.00075	.00042	.00203	-.00022	.01827	.00022

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00000	.00337	.00037	.00019	-.00015	-.00995
Stddev	.00006	.00008	.01195	.00022	.00004	.00073	.00636
%RSD	344.86	2018.9	354.55	59.581	23.273	470.98	63.916

#1	-.00002	.00005	-.00508	.00021	.00016	-.00067	-.01445
#2	.00006	-.00006	.01182	.00052	.00022	.00036	-.00545

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.06249	.00029	.00001	-.02851	-.00015	-.00073
Stddev	.00001	.02866	.00024	.00022	.00384	.00000	.00005
%RSD	13.307	45.856	83.807	3391.1	13.480	.42473	6.9630

#1	-.00007	-.08276	.00046	.00016	-.02579	-.00015	-.00076
#2	-.00009	-.04223	.00012	-.00015	-.03123	-.00015	-.00069

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.24163	.00009	.00585	.00246	.01200	-.00040	.00004
Stddev	.00439	.00009	.00663	.00286	.00006	.00030	.00029
%RSD	1.8167	100.64	113.21	116.13	.47961	75.938	788.56

#1	-.24474	.00015	.01054	.00449	.01204	-.00061	.00024
#2	-.23853	.00003	.00117	.00044	.01196	-.00018	-.00017

Sample Name: PB114341BL Acquired: 10/31/2018 15:54:42 Type: Unk
 Method: P4-ICP2(v2535) 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	-.00226	-.0046	.00014	F 2.5876	F<.00000
Stddev	.00059	.0005	.00008	.3660	.14400
%RSD	25.898	11.15	55.843	14.145	122.55

#1	-.00268	-.0050	.00008	2.8464	-.01568
#2	-.00185	-.0043	.00019	2.3288	-.21933

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3551.5	48180.	4604.8	115.88	4201.1
Stddev	1.3	199.	16.6	.19	5.4
%RSD	.03661	.41390	.35947	.16273	.12894

#1	3550.6	48039.	4593.1	116.01	4197.3
#2	3552.4	48321.	4616.5	115.74	4204.9

Sample Name: PB114344BL Acquired: 10/31/2018 16:02:34 Type: Unk
Method: P4-ICP2(v2535) 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	.00324	.00038	-.00114	-.00028	-.00112	-.00314	.00076
Stddev	.00064	.00061	.00051	.00032	.00139	.01376	.00037
%RSD	19.620	159.13	44.932	116.84	124.76	438.51	48.280

#1	.00279	-.00005	-.00150	-.00051	-.00013	.00659	.00102
#2	.00369	.00081	-.00077	-.00005	-.00210	-.01287	.00050

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00002	.00615	.00060	.00028	-.00010	-.00602
Stddev	.00002	.00003	.00652	.00019	.00003	.00002	.00239
%RSD	47.282	116.18	106.01	31.195	12.185	14.815	39.758

#1	.00007	.00000	.00154	.00047	.00026	-.00009	-.00771
#2	.00003	.00004	.01076	.00073	.00031	-.00011	-.00433

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00283	.00086	.00047	-.03918	.00010	-.00077
Stddev	.00002	.03406	.00029	.00017	.00660	.00014	.00003
%RSD	11818.	1202.4	34.061	36.227	16.840	143.21	3.8437

#1	-.00001	.02692	.00065	.00035	-.03452	-.00000	-.00079
#2	.00001	-.02125	.00106	.00059	-.04385	.00019	-.00075

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.21901	-.00022	.00229	.00086	.01264	.00012	.00133
Stddev	.00170	.00069	.00220	.00225	.00186	.00002	.00078
%RSD	.77576	309.72	95.825	262.93	14.711	15.724	58.734

#1	-.22021	-.00071	.00074	-.00074	.01132	.00010	.00188
#2	-.21780	.00026	.00385	.00245	.01395	.00013	.00078

Sample Name: PB114344BL Acquired: 10/31/2018 16:02:34 Type: Unk
Method: P4-ICP2(v2535) 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	-0.00091	-0.0040	-0.00002	F 3.1037	F<.00000
Stddev	.00026	.0005	.00003	.3547	.12229
%RSD	28.812	13.38	188.23	11.427	71.859

#1	-0.00110	-0.0043	-0.00004	3.3545	-.08371
#2	-0.00073	-0.0036	.00001	2.8529	-.25665

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3531.8	47730.	4585.1	114.48	4181.8
Stddev	16.4	253.	1.2	.70	13.6
%RSD	.46435	.53082	.02580	.60740	.32405

#1	3520.2	47551.	4584.2	113.98	4172.3
#2	3543.4	47909.	4585.9	114.97	4191.4

Sample Name: PB114344BS Acquired: 10/31/2018 16:06:38 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: 200.7

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87076	1.9638	1.0248	2.0898	.88543	2.0403	.22215
Stddev	.00200	.0245	.0119	.0218	.00722	.0379	.00069
%RSD	.22951	1.2464	1.1572	1.0442	.81570	1.8570	.30882

#1	.87217	1.9465	1.0164	2.0744	.88033	2.0135	.22264
#2	.86935	1.9811	1.0332	2.1052	.89054	2.0671	.22167

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20553	.19225	1.1395	.38571	.20318	.33330	2.9535
Stddev	.00019	.00227	.0259	.00073	.00300	.00171	.0177
%RSD	.09061	1.1810	2.2724	.18974	1.4753	.51429	.59803

#1	.20566	.19065	1.1578	.38520	.20106	.33208	2.9410
#2	.20540	.19386	1.1212	.38623	.20530	.33451	2.9660

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21773	2.1693	.48179	.07053	3.0402	.28479	.22055
Stddev	.00002	.0265	.00492	.00008	.0069	.00081	.00130
%RSD	.00820	1.2222	1.0208	.11562	.22599	.28506	.58833

#1	.21774	2.1880	.47831	.07058	3.0354	.28537	.22147
#2	.21771	2.1505	.48526	.07047	3.0451	.28422	.21964

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.105	.45713	.30980	F 6.0340	1.0715	.69137	.21319
Stddev	.034	.00178	.00313	.0690	.0070	.00677	.00168
%RSD	.30804	.38957	1.0095	1.1433	.64913	.97991	.79001

#1	11.080	.45587	.30759	5.9852	1.0764	.68658	.21200
#2	11.129	.45839	.31201	6.0828	1.0666	.69616	.21438

Sample Name: PB114344BS Acquired: 10/31/2018 16:06:38 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment: 200.7

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22421	F 5.434	.20839	F 2.5777	F<.00000
Stddev	.00008	.072	.00017	.2681	.40660
%RSD	.03370	1.322	.08183	10.399	45.477

#1	.22427	5.383	.20827	2.3882	-.60657
#2	.22416	5.485	.20851	2.7673	-1.1816

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3527.9	47840.	4580.7	115.47	4108.9
Stddev	7.7	33.	62.0	1.09	31.1
%RSD	.21874	.06988	1.3526	.94407	.75588

#1	3533.3	47817.	4536.9	114.70	4130.9
#2	3522.4	47864.	4624.5	116.24	4086.9

Sample Name: PB114297BS Acquired: 10/31/2018 16:10:28 Type: Unk
Method: P4-ICP2(v2535) 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	.84800	1.9172	1.0023	2.0566	.86871	1.9856	.21198
Stddev	.00109	.0063	.0031	.0112	.00237	.0115	.00122
%RSD	.12844	.32607	.30425	.54345	.27329	.57930	.57720

#1	.84877	1.9216	1.0045	2.0645	.86703	1.9775	.21111
#2	.84723	1.9127	1.0002	2.0486	.87038	1.9937	.21284

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20109	.18788	1.0878	.37218	.19752	.32454	2.8276
Stddev	.00088	.00100	.0056	.00128	.00063	.00124	.0095
%RSD	.43589	.53299	.51018	.34391	.31934	.38240	.33506

#1	.20171	.18859	1.0839	.37309	.19797	.32541	2.8343
#2	.20047	.18717	1.0918	.37128	.19707	.32366	2.8209

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21058	2.0133	.46822	.06957	2.9211	.27486	.21403
Stddev	.00016	.0134	.00292	.00050	.0066	.00063	.00286
%RSD	.07664	.66348	.62373	.71249	.22522	.23019	1.3348

#1	.21070	2.0038	.47028	.06993	2.9164	.27441	.21605
#2	.21047	2.0227	.46615	.06922	2.9257	.27530	.21201

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.701	.44241	.30325	8.4621	1.0396	.67687	.20470
Stddev	.062	.00087	.00977	.0361	.0130	.00229	.00317
%RSD	.57911	.19557	3.2216	.42670	1.2534	.33859	1.5499

#1	10.744	.44302	.29634	8.4876	1.0304	.67850	.20245
#2	10.657	.44179	.31016	8.4365	1.0488	.67525	.20694

Sample Name: PB114297BS Acquired: 10/31/2018 16:10:28 Type: Unk
Method: P4-ICP2(v2535) 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	.21501	5.313	.20007	F 2.7483	F<.00000
Stddev	.00079	.030	.00027	.6977	.50374
%RSD	.36834	.5656	.13744	25.386	28.931

#1	.21445	5.334	.19987	2.2550	-2.0974
#2	.21557	5.292	.20026	3.2417	-1.3850

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3525.5	47717.	4613.9	116.69	4112.0
Stddev	6.2	45.	12.1	1.27	13.2
%RSD	.17462	.09430	.26290	1.0857	.32069

#1	3521.2	47685.	4622.5	115.79	4102.7
#2	3529.9	47748.	4605.3	117.58	4121.4

Sample Name: PB114345BL Acquired: 10/31/2018 16:14:16 Type: Unk
Method: P4-ICP2(v2535) 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	.00429	.00095	-.00013	.00141	-.00224	.01024	.00041	.00003
Stddev	.00007	.00059	.00020	.00161	.00046	.00209	.00051	.00002
%RSD	1.6499	62.564	152.92	114.30	20.589	20.422	124.06	65.175
#1	.00424	.00137	.00001	.00027	-.00257	.00876	.00005	.00004
#2	.00434	.00053	-.00027	.00254	-.00192	.01172	.00078	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00881	.00007	.00028	-.00058	.00284	-.00005	-.03181
Stddev	.00003	.01557	.00024	.00020	.00042	.00296	.00001	.04563
%RSD	1974.7	176.86	321.79	70.971	71.093	104.11	19.653	143.47
#1	.00003	-.00221	-.00009	.00042	-.00088	.00075	-.00006	-.06408
#2	-.00002	.01982	.00024	.00014	-.00029	.00494	-.00005	.00046
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00072	-.00002	-.07207	-.00019	-.00067	-.24982	-.00002	.00051
Stddev	.00030	.00024	.00588	.00003	.00002	.03041	.00001	.00291
%RSD	41.529	1485.8	8.1517	17.200	2.8768	12.174	44.629	566.78
#1	.00093	-.00019	-.06792	-.00021	-.00066	-.22831	-.00002	-.00154
#2	.00051	.00015	-.07623	-.00016	-.00068	-.27133	-.00001	.00257
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00027	.01348	-.00049	-.00060	-.00231	-.0041	.00010	F 3.0184
Stddev	.00093	.00067	.00038	.00085	.00000	.0005	.00002	.4661
%RSD	340.18	4.9485	77.319	141.50	.14919	11.47	18.806	15.440
#1	.00038	.01395	-.00076	.00000	-.00231	-.0038	.00012	2.6889
#2	-.00093	.01300	-.00022	-.00120	-.00231	-.0044	.00009	3.3480

Sample Name: PB114345BL Acquired: 10/31/2018 16:14:16 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .25263
Stddev	.14057
%RSD	55.644

#1	.15323
#2	.35203

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3550.5	48096.	4573.0	114.48	4212.8
Stddev	11.0	25.	26.6	.57	5.0
%RSD	.30968	.05254	.58069	.49416	.11815

#1	3542.8	48078.	4554.3	114.88	4209.3
#2	3558.3	48114.	4591.8	114.08	4216.3

Sample Name: PB114348BL Acquired: 10/31/2018 16:22:12 Type: Unk
Method: P4-ICP2(v2535) 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	.00184	.00160	-.00015	-.00023	.00100	.00337	.00065	.00004
Stddev	.00067	.00006	.00011	.00121	.00064	.00277	.00054	.00011
%RSD	36.363	3.6521	74.935	518.61	64.516	82.119	83.714	293.16
#1	.00136	.00164	-.00023	-.00109	.00054	.00141	.00026	.00012
#2	.00231	.00156	-.00007	.00062	.00145	.00532	.00103	-.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00411	.00029	.00026	-.00075	.00302	-.00005	-.03684
Stddev	.00000	.01599	.00075	.00009	.00041	.00558	.00004	.02957
%RSD	47.816	388.72	255.43	35.348	54.628	184.82	83.175	80.254
#1	.00000	.00719	.00083	.00020	-.00104	.00697	-.00008	-.05775
#2	.00001	-.01542	-.00024	.00033	-.00046	-.00093	-.00002	-.01593
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00075	.00059	-.05664	-.00051	-.00068	-.24486	.00007	.00082
Stddev	.00019	.00054	.00730	.00027	.00003	.03567	.00032	.00306
%RSD	25.506	90.669	12.882	53.437	4.2818	14.569	432.29	371.21
#1	.00088	.00021	-.05148	-.00071	-.00070	-.21964	-.00015	-.00134
#2	.00061	.00097	-.06180	-.00032	-.00066	-.27009	.00030	.00299
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.01495	-.00003	-.00171	-.00054	-.0054	.00012	F 3.3913
Stddev	.00201	.00114	.00023	.00097	.00020	.0026	.00009	.5030
%RSD	2717.7	7.6561	894.05	56.623	36.816	47.03	80.885	14.832
#1	-.00150	.01414	-.00019	-.00239	-.00040	-.0036	.00005	3.7470
#2	.00135	.01575	.00014	-.00103	-.00068	-.0072	.00018	3.0356

Sample Name: PB114348BL Acquired: 10/31/2018 16:22:12 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .11985
Stddev .03445
%RSD 28.748

#1 .09549
#2 .14421

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3535.7	47933.	4569.8	113.42	4205.6
Stddev	9.1	20.	27.9	2.39	1.4
%RSD	.25829	.04165	.60951	2.1041	.03342

#1	3529.3	47947.	4589.5	115.11	4206.6
#2	3542.2	47919.	4550.1	111.73	4204.6

Sample Name: PB114348BS Acquired: 10/31/2018 16:26:17 Type: Unk
Method: P4-ICP2(v2535) 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	.83000	1.8671	.97803	1.9796	.85233	1.9595	.21239
Stddev	.00137	.0112	.00424	.0012	.00231	.0028	.00039
%RSD	.16536	.59707	.43364	.06032	.27059	.14120	.18269

#1	.83097	1.8592	.97503	1.9788	.85396	1.9575	.21212
#2	.82903	1.8750	.98103	1.9805	.85070	1.9614	.21267

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19399	.18301	1.0734	.36882	.19499	.31777	2.7990
Stddev	.00099	.00053	.0099	.00135	.00034	.00058	.0419
%RSD	.51229	.28714	.92172	.36651	.17673	.18159	1.4978

#1	.19469	.18264	1.0664	.36978	.19475	.31818	2.8286
#2	.19328	.18339	1.0804	.36787	.19523	.31737	2.7694

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20959	2.0373	.46183	.06754	2.9223	.27287	.20813
Stddev	.00019	.0080	.00219	.00061	.0095	.00021	.00447
%RSD	.08950	.39242	.47430	.90594	.32693	.07547	2.1486

#1	.20972	2.0317	.46028	.06711	2.9155	.27302	.21129
#2	.20946	2.0430	.46337	.06798	2.9290	.27273	.20497

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.642	.44474	.29841	F 4.7956	1.0402	.66499	.20761
Stddev	.006	.00192	.00114	.0298	.0024	.00231	.00070
%RSD	.05844	.43060	.38198	.62192	.22753	.34668	.33795

#1	10.646	.44339	.29922	4.7745	1.0419	.66336	.20811
#2	10.638	.44610	.29761	4.8166	1.0385	.66662	.20711

Sample Name: PB114348BS Acquired: 10/31/2018 16:26:17 Type: Unk
Method: P4-ICP2(v2535) 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	.21564	5.147	.19921	F 3.2033	F<.00000
Stddev	.00123	.019	.00007	.1894	.41767
%RSD	.56905	.3755	.03509	5.9118	28.826

#1	.21651	5.134	.19926	3.0694	-1.7443
#2	.21478	5.161	.19916	3.3372	-1.1536

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3425.8	46934.	4503.8	114.09	3996.0
Stddev	4.6	48.	12.6	2.93	5.5
%RSD	.13434	.10159	.27904	2.5720	.13815

#1	3422.6	46900.	4494.9	112.02	3992.1
#2	3429.1	46968.	4512.6	116.17	3999.9

Sample Name: PB114348TB Acquired: 10/31/2018 16:30:07 Type: Unk
Method: P4-ICP2(v2535) 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	-.00083	-.00246	-.00000	.00202	-.00001	.00180	.00093	.00001
Stddev	.00007	.00179	.00040	.00059	.00139	.00261	.00043	.00003
%RSD	8.9932	72.724	53178.	29.023	9446.3	145.37	46.733	341.73
#1	-.00078	-.00120	-.00028	.00161	.00097	-.00005	.00123	-.00001
#2	-.00089	-.00373	.00028	.00244	-.00100	.00364	.00062	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.01021	.00098	.00013	-.00032	-.00331	.00009	-.02800
Stddev	.00002	.00507	.00015	.00013	.00028	.01110	.00006	.02447
%RSD	95.346	49.630	15.480	105.38	85.144	335.64	63.135	87.392
#1	-.00001	-.00663	.00108	.00022	-.00013	-.01116	.00013	-.01070
#2	-.00003	-.01380	.00087	.00003	-.00052	.00454	.00005	-.04530
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00188	.00196	F 309.05	-.00007	.00159	-.12368	.00047	.00778
Stddev	.00033	.00038	.54	.00023	.00014	.01469	.00016	.00687
%RSD	17.667	19.167	.17372	334.27	9.0431	11.875	33.202	88.317
#1	.00211	.00223	309.42	-.00023	.00169	-.13407	.00036	.01263
#2	.00164	.00170	308.67	.00010	.00149	-.11330	.00058	.00292
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00279	.01994	.00165	.00095	-.00316	-.0070	-.00004	F 5.1771
Stddev	.00023	.00243	.00017	.00009	.00264	.0006	.00005	.2292
%RSD	8.1248	12.188	10.048	9.2840	83.476	8.184	120.03	4.4275
#1	.00295	.02166	.00176	.00101	-.00503	-.0074	-.00001	5.0151
#2	.00263	.01823	.00153	.00088	-.00130	-.0066	-.00007	5.3392

Sample Name: PB114348TB Acquired: 10/31/2018 16:30:07 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F .53415
 Stddev .20150
 %RSD 37.724

#1 .39166
 #2 .67663

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3120.5	41989.	4333.6	106.78	3451.3
Stddev	7.9	26.	7.9	4.21	14.9
%RSD	.25445	.06174	.18230	3.9400	.43281

#1	3126.1	42007.	4328.0	103.81	3440.7
#2	3114.9	41971.	4339.2	109.76	3461.8

Sample Name: PB114345BS Acquired: 10/31/2018 16:38:22 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: 200.7

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82195	1.8622	.97693	1.9718	.84615	1.9455	.21104
Stddev	.00163	.0033	.00270	.0027	.00059	.0190	.00003
%RSD	.19862	.17815	.27647	.13562	.06949	.97428	.01319

#1	.82311	1.8599	.97502	1.9737	.84573	1.9321	.21102
#2	.82080	1.8646	.97884	1.9699	.84657	1.9589	.21106

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19258	.18270	1.0915	.36525	.19388	.31602	2.7883
Stddev	.00024	.00057	.0033	.00031	.00101	.00069	.0068
%RSD	.12221	.31207	.30242	.08578	.52304	.21700	.24537

#1	.19241	.18230	1.0891	.36502	.19316	.31553	2.7931
#2	.19275	.18310	1.0938	.36547	.19459	.31650	2.7835

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20836	2.0554	.45979	.06772	2.9318	.26940	.20853
Stddev	.00014	.0371	.00073	.00037	.0071	.00037	.00362
%RSD	.06723	1.8032	.15909	.54505	.24357	.13706	1.7376

#1	.20846	2.0292	.45928	.06746	2.9267	.26914	.21109
#2	.20826	2.0816	.46031	.06798	2.9368	.26966	.20596

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.619	.44140	.29667	F 4.8264	1.0388	.66286	.20594
Stddev	.001	.00102	.00454	.0099	.0103	.00185	.00266
%RSD	.00714	.23057	1.5313	.20575	.99334	.27881	1.2935

#1	10.620	.44068	.29988	4.8193	1.0461	.66156	.20782
#2	10.619	.44212	.29346	4.8334	1.0315	.66417	.20406

Sample Name: PB114345BS Acquired: 10/31/2018 16:38:22 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: 200.7

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21385	F 5.135	.19749	F 3.1984	F<.00000
Stddev	.00165	.005	.00057	.0587	.02738
%RSD	.77141	.0949	.28906	1.8348	1.5848

#1	.21502	5.138	.19709	3.1569	-1.7467
#2	.21268	5.131	.19789	3.2399	-1.7080

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3461.2	47026.	4506.7	114.12	4027.9
Stddev	4.9	89.	51.8	2.40	5.1
%RSD	.14149	.18988	1.1490	2.1015	.12565

#1	3457.7	46963.	4470.1	112.43	4024.3
#2	3464.6	47089.	4543.3	115.82	4031.5

Sample Name: CCV06 Acquired: 10/31/2018 17:00:44 Type: Unk
Method: P4-ICP2(v2535) 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	5.3499	4.7154	5.0419	5.1232	5.4157	10.011	10.238	.25177
Stddev	.0156	.0006	.0004	.0154	.0210	.038	.011	.00085
%RSD	.29219	.01213	.00685	.30012	.38736	.37871	.10540	.33835
#1	5.3610	4.7150	5.0417	5.1340	5.4306	9.9842	10.246	.25116
#2	5.3389	4.7158	5.0422	5.1123	5.4009	10.038	10.231	.25237
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3909	26.480	1.0649	2.4705	1.2724	4.6400	2.5044	24.732
Stddev	.0010	.095	.0049	.0034	.0058	.0742	.0023	.014
%RSD	.04013	.35940	.45997	.13770	.45576	1.5990	.09132	.05595
#1	2.3902	26.547	1.0614	2.4729	1.2765	4.6925	2.5027	24.742
#2	2.3916	26.412	1.0684	2.4681	1.2683	4.5876	2.5060	24.722
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3304	1.1886	23.528	2.4923	2.6310	26.323	5.4107	4.7968
Stddev	.0012	.0014	.030	.0045	.0432	.034	.0249	.0169
%RSD	.04955	.11916	.12585	.18218	1.6425	.12994	.45975	.35229
#1	2.3312	1.1896	23.549	2.4891	2.6616	26.299	5.4283	4.7848
#2	2.3296	1.1876	23.507	2.4956	2.6005	26.347	5.3931	4.8087
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5601	5.3857	4.8441	4.9557	5.1410	4.701	4.8920	5.1908
Stddev	.0029	.0257	.0086	.0008	.0025	.006	.0115	.1325
%RSD	.06445	.47758	.17641	.01724	.04856	.1203	.23432	2.5520
#1	4.5622	5.4039	4.8501	4.9551	5.1427	4.697	4.9001	5.2845
#2	4.5580	5.3675	4.8380	4.9563	5.1392	4.705	4.8839	5.0972

Sample Name: CCV06 Acquired: 10/31/2018 17:00:44 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.6171
Stddev .4642
%RSD 28.705

#1 1.2889
#2 1.9453

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3376.6	45737.	4518.5	109.76	3721.5
Stddev	23.0	26.	30.9	1.94	10.0
%RSD	.68126	.05641	.68327	1.7650	.26888

#1	3360.3	45718.	4496.6	108.39	3714.4
#2	3392.9	45755.	4540.3	111.13	3728.5

Sample Name: CCB06 Acquired: 10/31/2018 17:04:28 Type: Unk
Method: P4-ICP2(v2535) 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	F .00554	.00179	-.00014	-.00260	-.00113	.00609	.00056
Stddev	.00114	.00024	.00099	.00012	.00002	.00410	.00037
%RSD	20.627	13.576	730.98	4.6900	2.1432	67.372	65.427

#1	.00473	.00162	-.00084	-.00252	-.00111	.00899	.00082
#2	.00634	.00196	.00057	-.00269	-.00114	.00319	.00030

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00004	-.00220	.00035	.00041	-.00046	-.00393
Stddev	.00004	.00004	.01400	.00054	.00008	.00005	.00372
%RSD	134.36	82.695	636.36	155.75	19.436	9.8270	94.651

#1	.00000	.00007	.00770	-.00004	.00047	-.00043	-.00656
#2	.00006	.00002	-.01210	.00073	.00035	-.00049	-.00130

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00217	.00081	.00072	-.06739	-.00012	-.00081
Stddev	.00002	.00865	.00010	.00026	.00159	.00015	.00004
%RSD	33.231	398.66	12.169	35.322	2.3654	131.75	4.3814

#1	-.00005	-.00828	.00074	.00090	-.06852	-.00022	-.00083
#2	-.00009	.00395	.00088	.00054	-.06627	-.00001	-.00078

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.21746	.00041	.00886	.00160	.01267	.00005	.00122
Stddev	.03288	.00030	.00237	.00087	.00139	.00006	.00103
%RSD	15.121	71.932	26.779	54.352	10.995	119.45	84.051

#1	-.19421	.00062	.01054	.00098	.01168	.00009	.00050
#2	-.24071	.00020	.00718	.00221	.01365	.00001	.00195

Sample Name: CCB06 Acquired: 10/31/2018 17:04:28 Type: Unk
 Method: P4-ICP2(v2535) 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	.00021	-.0051	.00004	F 3.3568	F<.00000
Stddev	.00099	.0002	.00014	.0909	.08512
%RSD	476.33	4.169	355.71	2.7083	31.545

#1	-.00049	-.0050	.00014	3.2925	-.33003
#2	.00091	-.0053	-.00006	3.4210	-.20965

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3444.7	47384.	4564.6	114.19	4108.3
Stddev	61.5	174.	36.2	1.86	76.7
%RSD	1.7841	.36790	.79257	1.6255	1.8672

#1	3488.1	47261.	4590.2	115.50	4162.6
#2	3401.2	47508.	4539.1	112.88	4054.1

Sample Name: J5706-01 Acquired: 10/31/2018 17:08:33 Type: Unk
Method: P4-ICP2(v2535) 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	.00559	.00171	.00439	-.00189	-.00350	-.00274	.02417	.00012
Stddev	.00198	.00008	.00011	.00031	.00044	.01411	.00034	.00002
%RSD	35.445	4.9251	2.5518	16.439	12.518	514.84	1.4046	15.240
#1	.00699	.00177	.00447	-.00210	-.00381	.00724	.02441	.00011
#2	.00419	.00165	.00431	-.00167	-.00319	-.01272	.02393	.00013
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	88.061	-.00056	-.00016	.00067	-.01642	.00543	198.46
Stddev	.00005	.252	.00002	.00003	.00082	.00445	.00001	.61
%RSD	22.723	.28581	2.7858	19.566	123.15	27.126	.14405	.30587
#1	-.00017	87.883	-.00057	-.00018	.00009	-.01327	.00542	198.89
#2	-.00023	88.239	-.00055	-.00014	.00125	-.01956	.00543	198.03
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00278	.00053	1234.2	.00102	.00028	66.731	.00161	.67388
Stddev	.00010	.00010	25.5	.00022	.00007	.020	.00018	.01347
%RSD	3.6722	19.164	2.0687	21.540	25.310	.02952	11.129	1.9990
#1	-.00285	.00060	1252.3	.00086	.00033	66.717	.00174	.66435
#2	-.00271	.00046	1216.2	.00117	.00023	66.745	.00149	.68340
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 143.44	1.8551	-.05127	-.00117	.02998	.0781	1.2161	7.7940
Stddev	.43	.0076	.00013	.00143	.00228	.0009	.0028	.3205
%RSD	.29756	.40791	.26240	122.22	7.6177	1.149	.22687	4.1125
#1	143.14	1.8498	-.05137	-.00218	.03159	.0774	1.2141	8.0207
#2	143.74	1.8605	-.05118	-.00016	.02836	.0787	1.2180	7.5674

Sample Name: J5706-01 Acquired: 10/31/2018 17:08:33 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.9259
Stddev .0247
%RSD .62950

#1 3.9434
#2 3.9085

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2988.5	39619.	4301.4	105.34	3114.2
Stddev	9.2	99.	4.9	1.41	6.9
%RSD	.30909	.25028	.11405	1.3412	.22176

#1	2982.0	39689.	4304.9	106.34	3119.1
#2	2995.0	39549.	4298.0	104.35	3109.3

Sample Name: J5722-01 Acquired: 10/31/2018 17:12:39 Type: Unk
Method: P4-ICP2(v2535) 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	.00937	.00032	.00322	-.00163	-.00262	-.00285	.02579	.00010
Stddev	.00012	.00020	.00036	.00115	.00155	.00129	.00071	.00005
%RSD	1.3200	63.113	11.101	70.512	59.192	45.380	2.7380	48.532

#1	.00928	.00018	.00297	-.00245	-.00152	-.00376	.02629	.00006
#2	.00946	.00047	.00348	-.00082	-.00372	-.00194	.02529	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	80.130	-.00073	.00003	.00084	-.02910	.00446	169.49
Stddev	.00006	.191	.00001	.00016	.00001	.00234	.00004	.08
%RSD	48.314	.23777	1.7934	488.59	1.7040	8.0332	.94188	.04668

#1	-.00009	80.265	-.00072	-.00008	.00085	-.02745	.00449	169.43
#2	-.00018	79.995	-.00074	.00014	.00083	-.03075	.00443	169.55

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00249	.00062	1022.8	.00113	.00016	57.618	.00140	.58163
Stddev	.00023	.00002	19.9	.00058	.00014	.114	.00029	.00847
%RSD	9.3871	2.9907	1.9494	50.917	89.200	.19831	20.870	1.4567

#1	-.00233	.00064	1036.9	.00154	.00006	57.537	.00119	.57564
#2	-.00266	.00061	1008.7	.00072	.00025	57.698	.00160	.58762

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 123.33	1.9343	-.04471	.00107	.02776	.0771	1.0622	7.8489
Stddev	1.01	.0074	.00027	.00039	.00087	.0032	.0009	.0651
%RSD	.82249	.38192	.59639	36.679	3.1284	4.177	.08421	.82895

#1	122.61	1.9395	-.04452	.00134	.02837	.0748	1.0616	7.8029
#2	124.04	1.9291	-.04490	.00079	.02714	.0793	1.0629	7.8949

Sample Name: J5722-01 Acquired: 10/31/2018 17:12:39 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.9293
Stddev	.1064
%RSD	3.6336

#1	2.8541
#2	3.0046

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2996.2	39692.	4285.2	106.09	3157.5
Stddev	1.7	42.	2.7	1.68	10.7
%RSD	.05625	.10596	.06413	1.5824	.33829

#1	2995.0	39662.	4287.1	107.28	3165.0
#2	2997.4	39721.	4283.3	104.91	3149.9

Sample Name: J5730-01 Acquired: 10/31/2018 17:16:46 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00817	-.00038	.00231	.00140	-.00222	-.00337	.02502	.00005
Stddev	.00343	.00013	.00133	.00045	.00175	.00048	.00070	.00014
%RSD	41.997	33.480	57.423	31.888	79.032	14.238	2.8036	264.87
#1	.00574	-.00047	.00137	.00172	-.00098	-.00303	.02452	-.00005
#2	.01059	-.00029	.00325	.00109	-.00346	-.00371	.02551	.00016
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	79.400	-.00073	-.00007	.00105	-.01504	.00379	168.59
Stddev	.00002	.156	.00012	.00032	.00068	.00015	.00009	.46
%RSD	11.793	.19593	16.023	446.77	64.253	1.0227	2.3579	.27278
#1	-.00017	79.510	-.00065	.00016	.00057	-.01493	.00385	168.92
#2	-.00020	79.290	-.00081	-.00030	.00153	-.01515	.00373	168.27
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00301	.00090	973.96	.00044	-.00010	57.418	.00144	.57415
Stddev	.00030	.00008	4.48	.00018	.00000	.195	.00038	.00720
%RSD	9.8476	8.3382	.45996	40.852	3.7853	.33905	26.025	1.2546
#1	-.00322	.00085	970.79	.00031	-.00011	57.556	.00118	.57924
#2	-.00280	.00096	977.13	.00056	-.00010	57.280	.00171	.56905
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 122.28	1.9893	-.04429	-.00370	.02547	.0761	1.0591	7.5460
Stddev	.13	.0033	.00026	.00017	.00036	.0026	.0038	.2276
%RSD	.10947	.16529	.59610	4.5931	1.4146	3.427	.36188	3.0167
#1	122.18	1.9916	-.04411	-.00382	.02573	.0742	1.0618	7.7070
#2	122.37	1.9870	-.04448	-.00358	.02522	.0779	1.0564	7.3850

Sample Name: J5730-01 Acquired: 10/31/2018 17:16:46 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.2951
Stddev .1024
%RSD 3.1086

#1 3.2227
#2 3.3675

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3024.0	40090.	4323.0	105.22	3166.4
Stddev	7.1	82.	15.8	1.64	1.6
%RSD	.23459	.20417	.36625	1.5583	.04901

#1	3029.0	40032.	4311.8	104.06	3167.4
#2	3019.0	40148.	4334.2	106.38	3165.3

Sample Name: J5731-01 Acquired: 10/31/2018 17:20:53 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00817	.00051	.00235	.00037	-.00467	-.00615	.02613	.00009
Stddev	.00173	.00002	.00021	.00156	.00068	.01024	.00138	.00003
%RSD	21.238	4.3436	8.7698	415.17	14.487	166.50	5.2665	35.832
#1	.00694	.00053	.00220	-.00073	-.00419	-.01339	.02710	.00011
#2	.00939	.00050	.00249	.00147	-.00515	.00109	.02516	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	72.805	-.00025	-.00013	.00127	-.02041	.00743	145.20
Stddev	.00003	1.614	.00025	.00008	.00002	.00053	.00012	.18
%RSD	20.524	2.2172	101.26	62.281	1.4164	2.6131	1.6284	.12403
#1	-.00011	73.946	-.00007	-.00007	.00128	-.02003	.00752	145.07
#2	-.00015	71.663	-.00042	-.00019	.00125	-.02078	.00735	145.33
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00273	-.00004	838.92	.00121	-.00024	49.316	.00111	.48014
Stddev	.00004	.00039	15.99	.00032	.00006	.566	.00001	.00182
%RSD	1.4778	911.40	1.9064	26.864	27.177	1.1473	.95200	.37870
#1	-.00276	.00023	850.23	.00098	-.00028	49.716	.00110	.48143
#2	-.00270	-.00032	827.61	.00143	-.00019	48.916	.00112	.47886
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 105.57	2.0689	-.03722	-.00104	.02320	.0731	.92586	7.1322
Stddev	.60	.0248	.00012	.00003	.00073	.0002	.01093	.0900
%RSD	.56770	1.1976	.32054	2.8425	3.1369	.2679	1.1806	1.2620
#1	105.99	2.0864	-.03713	-.00106	.02371	.0729	.93359	7.0686
#2	105.14	2.0514	-.03730	-.00102	.02268	.0732	.91813	7.1959

Sample Name: J5731-01 Acquired: 10/31/2018 17:20:53 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.3477
Stddev	.0961
%RSD	2.8702

#1	3.4157
#2	3.2798

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3056.7	40290.	4352.7	106.46	3222.3
Stddev	2.9	155.	53.1	1.26	10.5
%RSD	.09552	.38369	1.2205	1.1816	.32631

#1	3058.8	40180.	4315.2	107.35	3214.9
#2	3054.6	40399.	4390.3	105.57	3229.8

Sample Name: J5737-03 Acquired: 10/31/2018 17:25:00 Type: Unk
Method: P4-ICP2(v2535) 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	.04898	-.00871	.29284	-.05929	.00783	202.84	.91821
Stddev	.00326	.00087	.00429	.00654	.00301	.31	.00115
%RSD	6.6542	9.9915	1.4644	11.029	38.462	.15462	.12536

#1	.04668	-.00809	.29588	-.06391	.00570	202.62	.91739
#2	.05129	-.00933	.28981	-.05466	.00995	203.06	.91902

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00446	-.00350	8.2330	.16357	.10634	.17195	289.28
Stddev	.00007	.00094	.0621	.00126	.00021	.00109	7.19
%RSD	1.5441	26.853	.75388	.76779	.19415	.63165	2.4847

#1	.00451	-.00283	8.1891	.16446	.10649	.17271	284.20
#2	.00441	-.00416	8.2769	.16269	.10620	.17118	294.36

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6687	35.221	.17578	.00287	.97973	.29406	.84684
Stddev	.0453	.040	.00032	.00062	.01983	.00083	.01738
%RSD	.52289	.11261	.18369	21.733	2.0236	.28228	2.0520

#1	8.7008	35.193	.17601	.00243	.99375	.29464	.83455
#2	8.6367	35.249	.17555	.00331	.96571	.29347	.85913

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.4118	.00305	-.01834	1.5065	5.1759	.01544	1.3789
Stddev	.0029	.00021	.01184	.0012	.0665	.00150	.0080
%RSD	.04538	7.0438	64.529	.07762	1.2850	9.7368	.57740

#1	6.4097	.00290	-.02671	1.5057	5.2230	.01438	1.3846
#2	6.4138	.00320	-.00997	1.5073	5.1289	.01650	1.3733

Sample Name: J5737-03 Acquired: 10/31/2018 17:25:00 Type: Unk
 Method: P4-ICP2(v2535) 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	.18720	9.921	-.25071	<.00000	F<.00000
Stddev	.00009	.010	.00778	.17825	.38515
%RSD	.04842	.1003	3.1013	1.1894	.57692

#1	.18714	9.928	-.24522	-15.112	-66.488
#2	.18727	9.914	-.25621	-14.860	-67.032

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3787.0	50412.	5098.5	104.94	3606.6
Stddev	12.2	177.	12.6	2.12	11.1
%RSD	.32114	.35057	.24780	2.0178	.30880

#1	3778.4	50287.	5089.6	106.44	3598.7
#2	3795.6	50537.	5107.4	103.44	3614.4

Sample Name: J5737-03DUP Acquired: 10/31/2018 17:29:05 Type: Unk
Method: P4-ICP2(v2535) 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	.04440	-.01014	.28693	-.06071	.00909	199.97	.90078
Stddev	.00194	.00165	.00086	.00099	.00030	.27	.00374
%RSD	4.3693	16.267	.30063	1.6339	3.3050	.13723	.41559

#1	.04302	-.00897	.28632	-.06141	.00888	200.17	.90343
#2	.04577	-.01131	.28754	-.06001	.00930	199.78	.89814

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00441	-.00293	8.2262	.16343	.10556	.17190	281.38
Stddev	.00010	.00024	.0186	.00037	.00012	.00019	2.73
%RSD	2.3754	8.1497	.22595	.22919	.11435	.11126	.97149

#1	.00448	-.00310	8.2393	.16370	.10565	.17177	283.31
#2	.00433	-.00276	8.2130	.16317	.10548	.17204	279.45

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6514	34.943	.17609	.00171	.72943	.29408	.81898
Stddev	.0670	.166	.00034	.00029	.00611	.00016	.00515
%RSD	.77419	.47492	.19189	17.131	.83823	.05312	.62844

#1	8.6041	35.060	.17585	.00191	.72510	.29419	.82262
#2	8.6988	34.825	.17633	.00150	.73375	.29397	.81535

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.3501	.00283	-.02296	1.4867	4.9916	.01411	1.3648
Stddev	.0522	.00014	.00615	.0033	.0386	.00036	.0046
%RSD	.82217	4.8169	26.803	.22014	.77350	2.5242	.33914

#1	6.3870	.00273	-.01861	1.4844	5.0189	.01385	1.3681
#2	6.3132	.00292	-.02732	1.4890	4.9643	.01436	1.3616

Sample Name: J5737-03DUP Acquired: 10/31/2018 17:29:05 Type: Unk
 Method: P4-ICP2(v2535) 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	.18467	9.910	-.24253	<.00000	F<.00000
Stddev	.00022	.012	.00321	.31902	1.9521
%RSD	.11984	.1204	1.3230	2.1637	2.9038

#1	.18451	9.901	-.24480	-14.519	-68.608
#2	.18483	9.918	-.24027	-14.970	-65.847

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3823.6	50883.	5182.6	108.19	3635.9
Stddev	17.6	18.	.5	.94	10.0
%RSD	.46105	.03626	.00886	.87199	.27596

#1	3811.1	50870.	5182.3	107.52	3628.8
#2	3836.1	50896.	5183.0	108.86	3643.0

Sample Name: J5737-03LX5 Acquired: 10/31/2018 17:33:09 Type: Unk
Method: P4-ICP2(v2535) 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	.01414	-.00224	.06023	-.01619	.00190	45.476	.21176	.00077
Stddev	.00013	.00010	.00013	.00047	.00037	.036	.00353	.00001
%RSD	.92436	4.6488	.21044	2.8716	19.226	.07955	1.6664	1.9073

#1	.01423	-.00217	.06014	-.01652	.00216	45.451	.21426	.00078
#2	.01405	-.00232	.06032	-.01586	.00164	45.502	.20927	.00076

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00109	1.9594	.03844	.02193	.04267	60.475	2.1055	8.2935
Stddev	.00012	.0306	.00014	.00007	.00058	.546	.0002	.0401
%RSD	11.251	1.5638	.36664	.33860	1.3670	.90286	.00745	.48356

#1	-.00118	1.9811	.03834	.02198	.04226	60.861	2.1054	8.3219
#2	-.00101	1.9377	.03854	.02188	.04309	60.089	2.1056	8.2652

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03586	-.00017	.25901	.06761	.18218	1.4231	.00026	-.00543
Stddev	.00019	.00014	.00394	.00019	.00164	.0519	.00026	.00164
%RSD	.52874	80.122	1.5229	.28798	.90236	3.6448	101.57	30.252

#1	.03600	-.00027	.26180	.06747	.18334	1.4598	.00044	-.00427
#2	.03573	-.00008	.25622	.06775	.18102	1.3865	.00007	-.00659

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30724	1.5591	.00363	.32784	.04396	2.027	-.05072	<.00000
Stddev	.00077	.0159	.00007	.00136	.00090	.001	.00059	.04768
%RSD	.25183	1.0215	1.8953	.41628	2.0538	.0672	1.1623	44.907

#1	.30670	1.5704	.00358	.32880	.04332	2.028	-.05114	-.13990
#2	.30779	1.5479	.00368	.32687	.04460	2.026	-.05030	-.07247

Sample Name: J5737-03LX5 Acquired: 10/31/2018 17:33:09 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.7263
Stddev .2290
%RSD 8.3981

#1 2.5644
#2 2.8882

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3561.7	47396.	4678.2	107.40	3929.1
Stddev	9.5	34.	70.0	1.16	14.3
%RSD	.26569	.07110	1.4958	1.0808	.36331

#1	3555.0	47420.	4628.7	106.58	3919.0
#2	3568.4	47372.	4727.6	108.22	3939.2

Sample Name: J5737-03MS Acquired: 10/31/2018 17:37:09 Type: Unk
Method: P4-ICP2(v2535) 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	.91506	2.1808	1.4629	2.0070	.91042	199.74	1.1230
Stddev	.00200	.0013	.0027	.0118	.00138	1.05	.0041
%RSD	.21908	.05758	.18676	.59002	.15165	.52600	.36671

#1	.91364	2.1799	1.4610	2.0154	.90944	199.00	1.1259
#2	.91648	2.1817	1.4649	1.9986	.91139	200.49	1.1201

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21843	.22262	9.4052	.54263	.34226	.47830	283.88
Stddev	.00041	.00010	.0449	.00126	.00075	.00188	1.12
%RSD	.18783	.04411	.47754	.23211	.21970	.39241	.39513

#1	.21872	.22269	9.4370	.54352	.34279	.47963	283.09
#2	.21814	.22255	9.3734	.54174	.34173	.47697	284.67

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6822	37.064	.72879	.07488	3.6392	.57673	1.0731
Stddev	.0150	.186	.00052	.00050	.0077	.00258	.0015
%RSD	.17232	.50149	.07079	.67105	.21286	.44771	.13649

#1	8.6927	37.196	.72842	.07524	3.6337	.57856	1.0741
#2	8.6716	36.933	.72915	.07453	3.6447	.57490	1.0720

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.695	.46615	.27289	1.4494	6.9604	.83553	1.6023
Stddev	.054	.00081	.01683	.0047	.1087	.00179	.0242
%RSD	.30325	.17342	6.1683	.32622	1.5611	.21478	1.5081

#1	17.733	.46672	.28480	1.4460	7.0372	.83426	1.5852
#2	17.657	.46558	.26099	1.4527	6.8835	.83680	1.6194

Sample Name: J5737-03MS Acquired: 10/31/2018 17:37:09 Type: Unk
 Method: P4-ICP2(v2535) 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	.40969	F 15.95	-.03798	<.00000	F<.00000
Stddev	.00024	.02	.00104	.04361	1.0592
%RSD	.05762	.0988	2.7442	.29516	1.5349

#1	.40986	15.96	-.03724	-14.743	-68.257
#2	.40953	15.94	-.03872	-14.804	-69.755

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3813.0	50496.	5065.5	105.77	3632.2
Stddev	7.1	24.	37.3	.10	1.2
%RSD	.18500	.04829	.73687	.09926	.03193

#1	3808.0	50478.	5039.1	105.70	3631.3
#2	3818.0	50513.	5091.9	105.85	3633.0

Sample Name: J5737-03MSD Acquired: 10/31/2018 17:41:08 Type: Unk
Method: P4-ICP2(v2535) 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	.92716	2.2066	1.4810	2.0285	.91942	200.88	1.1279
Stddev	.00023	.0035	.0017	.0003	.00072	.48	.0009
%RSD	.02430	.15899	.11177	.01442	.07802	.23958	.07825

#1	.92732	2.2041	1.4799	2.0283	.91892	201.22	1.1273
#2	.92700	2.2091	1.4822	2.0287	.91993	200.54	1.1285

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22007	.22490	9.4913	.54537	.34652	.48276	289.68
Stddev	.00035	.00086	.0018	.00256	.00053	.00010	8.77
%RSD	.16043	.38424	.01890	.47026	.15236	.02117	3.0264

#1	.22032	.22429	9.4926	.54719	.34615	.48269	295.88
#2	.21982	.22551	9.4900	.54356	.34689	.48283	283.48

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8040	37.246	.73765	.07654	3.6681	.57901	1.0983
Stddev	.0039	.096	.00141	.00138	.0245	.00029	.0357
%RSD	.04440	.25714	.19151	1.8044	.66652	.05064	3.2538

#1	8.8012	37.313	.73665	.07751	3.6508	.57921	1.1236
#2	8.8068	37.178	.73865	.07556	3.6854	.57880	1.0730

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.749	.47158	.27380	1.4654	6.9397	.84549	1.6028
Stddev	.015	.00168	.02234	.0024	.0090	.00228	.0108
%RSD	.08479	.35689	8.1606	.16453	.13033	.27010	.67280

#1	17.759	.47039	.28960	1.4672	6.9461	.84387	1.5952
#2	17.738	.47277	.25800	1.4637	6.9333	.84710	1.6104

Sample Name: J5737-03MSD Acquired: 10/31/2018 17:41:08 Type: Unk
Method: P4-ICP2(v2535) 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	.41243	F 16.17	-.04184	<.00000	F<.00000
Stddev	.00286	.04	.00949	.68503	1.0502
%RSD	.69435	.2172	22.677	4.6336	1.5138

#1	.41040	16.19	-.04855	-14.300	-68.633
#2	.41445	16.14	-.03513	-15.268	-70.119

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3774.5	50229.	5023.8	103.61	3589.3
Stddev	8.8	248.	11.6	3.49	10.8
%RSD	.23190	.49385	.23099	3.3684	.30176

#1	3768.4	50054.	5015.6	101.14	3581.6
#2	3780.7	50405.	5032.0	106.08	3596.9

Sample Name: J5737-03A Acquired: 10/31/2018 17:54:55 Type: Unk
Method: P4-ICP2(v2535) 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	.69348	1.6349	1.1599	1.4836	.67884	197.51	1.0848
Stddev	.00034	.0060	.0006	.0016	.00137	.12	.0066
%RSD	.04958	.36374	.05337	.10829	.20119	.06176	.61154

#1	.69372	1.6391	1.1603	1.4847	.67787	197.60	1.0894
#2	.69324	1.6307	1.1595	1.4825	.67980	197.43	1.0801

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16510	.16459	9.0982	.44908	.28140	.40193	288.48
Stddev	.00042	.00023	.0627	.00155	.00123	.00110	.01
%RSD	.25202	.14210	.68897	.34409	.43852	.27279	.00411

#1	.16539	.16475	9.1425	.45018	.28227	.40115	288.49
#2	.16481	.16442	9.0539	.44799	.28053	.40270	288.47

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6520	37.130	.58922	.05729	2.9039	.50688	1.0398
Stddev	.0360	.250	.00115	.00044	.0003	.00264	.0029
%RSD	.41568	.67438	.19510	.76462	.01024	.52162	.27574

#1	8.6774	37.307	.58840	.05698	2.9037	.50875	1.0419
#2	8.6266	36.953	.59003	.05760	2.9041	.50501	1.0378

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.070	.34959	.20358	1.4502	7.3957	.62516	1.5626
Stddev	.015	.00168	.00005	.0060	.0754	.00104	.0052
%RSD	.09902	.47995	.02680	.41641	1.0194	.16672	.33335

#1	15.059	.35078	.20362	1.4544	7.4490	.62590	1.5663
#2	15.080	.34841	.20354	1.4459	7.3424	.62442	1.5589

Sample Name: J5737-03A Acquired: 10/31/2018 17:54:55 Type: Unk
Method: P4-ICP2(v2535) 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	.36200	F 14.46	-.09497	<.00000	F<.00000
Stddev	.00109	.03	.00163	.39183	.20577
%RSD	.30038	.2251	1.7157	2.7460	.30178

#1	.36123	14.44	-.09381	-13.992	-68.333
#2	.36277	14.49	-.09612	-14.546	-68.042

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3800.1	50343.	4981.2	102.94	3634.5
Stddev	2.1	108.	46.2	.32	1.0
%RSD	.05400	.21405	.92806	.31044	.02765

#1	3798.7	50267.	4948.6	102.71	3635.2
#2	3801.6	50419.	5013.9	103.17	3633.8

Sample Name: CCV07 Acquired: 10/31/2018 18:02:41 Type: Unk
Method: P4-ICP2(v2535) 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	5.3983	4.7674	5.0966	5.1639	5.4518	9.9287	10.380	.25524
Stddev	.0045	.0182	.0094	.0146	.0021	.0767	.085	.00014
%RSD	.08325	.38274	.18463	.28235	.03817	.77280	.81434	.05545
#1	5.4014	4.7803	5.1033	5.1742	5.4503	9.8744	10.439	.25514
#2	5.3951	4.7545	5.0900	5.1536	5.4533	9.9829	10.320	.25534
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4150	26.674	1.0668	2.4938	1.2858	4.7012	2.5380	25.102
Stddev	.0054	.211	.0022	.0056	.0007	.0730	.0059	.211
%RSD	.22492	.79119	.21132	.22437	.05391	1.5530	.23397	.84070
#1	2.4188	26.823	1.0652	2.4978	1.2862	4.7528	2.5338	25.251
#2	2.4112	26.525	1.0683	2.4899	1.2853	4.6496	2.5422	24.953
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3490	1.2031	23.623	2.5039	2.7357	26.556	5.4678	4.7939
Stddev	.0027	.0022	.181	.0058	.0632	.294	.0026	.0387
%RSD	.11494	.18710	.76581	.23103	2.3111	1.1054	.04659	.80794
#1	2.3510	1.2015	23.751	2.4998	2.7804	26.764	5.4660	4.8213
#2	2.3471	1.2047	23.496	2.5080	2.6910	26.348	5.4696	4.7666
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6007	F 5.5429	4.9037	4.9807	5.2260	4.748	4.8908	5.2856
Stddev	.0188	.0405	.0187	.0253	.0496	.015	.0350	.1192
%RSD	.40933	.73082	.38097	.50717	.94991	.3148	.71554	2.2560
#1	4.6141	5.5716	4.9169	4.9986	5.2611	4.759	4.9155	5.2013
#2	4.5874	5.5143	4.8905	4.9629	5.1909	4.738	4.8660	5.3699

Sample Name: CCV07 Acquired: 10/31/2018 18:02:41 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.5268
Stddev .1405
%RSD 5.5617

#1 2.6262
#2 2.4274

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3355.7	45302.	4421.9	105.84	3700.5
Stddev	4.4	33.	48.3	2.54	12.3
%RSD	.13240	.07392	1.0931	2.4041	.33229

#1	3352.5	45325.	4387.7	104.04	3691.8
#2	3358.8	45278.	4456.1	107.64	3709.2

Sample Name: CCB07 Acquired: 10/31/2018 18:06:27 Type: Unk
Method: P4-ICP2(v2535) 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	.00332	.00135	.00055	-.00128	-.00041	.00199	.00103	.00011
Stddev	.00273	.00104	.00070	.00052	.00031	.00907	.00044	.00003
%RSD	82.105	76.806	126.37	40.706	75.430	455.56	42.535	32.763
#1	.00525	.00209	.00006	-.00091	-.00019	.00840	.00135	.00013
#2	.00139	.00062	.00105	-.00165	-.00062	-.00442	.00072	.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.01722	.00026	.00035	-.00012	-.00550	-.00005	-.00334
Stddev	.00002	.01705	.00006	.00007	.00042	.01086	.00005	.01799
%RSD	173.26	99.026	24.812	21.538	344.60	197.36	87.391	539.08
#1	-.00000	.02927	.00030	.00040	.00018	-.01318	-.00009	-.01606
#2	.00003	.00516	.00021	.00029	-.00042	.00218	-.00002	.00939
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00066	.00029	-.02203	-.00063	.00009	-.11668	.00063	.01056
Stddev	.00029	.00019	.00040	.00032	.00004	.00165	.00042	.00120
%RSD	44.501	65.071	1.8144	51.063	42.854	1.4141	67.085	11.353
#1	.00045	.00016	-.02175	-.00086	.00006	-.11784	.00093	.01141
#2	.00087	.00043	-.02232	-.00040	.00012	-.11551	.00033	.00971
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00250	.01374	.00009	-.00051	.00427	-.0047	.00002	F 3.4749
Stddev	.00059	.00178	.00002	.00164	.00052	.0002	.00013	.3431
%RSD	23.587	12.951	28.500	323.01	12.105	4.703	662.68	9.8735
#1	.00208	.01248	.00007	.00065	.00463	-.0045	.00011	3.2323
#2	.00291	.01500	.00010	-.00167	.00390	-.0048	-.00007	3.7175

Sample Name: CCB07 Acquired: 10/31/2018 18:06:27 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .47595
Stddev	.05452
%RSD	11.455

#1	.51450
#2	.43739

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3543.8	47308.	4469.5	111.83	4218.0
Stddev	38.7	114.	32.4	1.65	29.6
%RSD	1.0930	.24045	.72581	1.4754	.70236

#1	3516.5	47227.	4446.5	112.99	4197.0
#2	3571.2	47388.	4492.4	110.66	4238.9

Sample Name: J5728-03 Acquired: 10/31/2018 18:10:32 Type: Unk
Method: P4-ICP2(v2535) 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	.01262	-.00139	.01262	-.00314	-.00218	10.600	.34426	.00054
Stddev	.00208	.00020	.00040	.00082	.00078	.084	.00069	.00004
%RSD	16.490	14.601	3.1990	26.144	35.684	.79599	.20077	7.0728
#1	.01115	-.00153	.01291	-.00256	-.00163	10.660	.34377	.00051
#2	.01410	-.00124	.01233	-.00372	-.00273	10.541	.34475	.00057
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00058	132.53	.02506	.00999	.16187	22.114	.48005	67.576
Stddev	.00002	1.56	.00069	.00002	.00096	.301	.00033	.582
%RSD	4.0297	1.1748	2.7353	.18824	.59514	1.3620	.06925	.86076
#1	-.00060	131.43	.02555	.01000	.16119	22.327	.48028	67.165
#2	-.00056	133.63	.02458	.00998	.16255	21.901	.47981	67.987
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01747	.00095	126.02	.05094	.11095	41.844	.06104	.23743
Stddev	.00049	.00012	1.34	.00076	.00087	.449	.00012	.00089
%RSD	2.8109	12.769	1.0609	1.4835	.78572	1.0740	.20009	.37408
#1	.01782	.00103	125.08	.05148	.11157	41.526	.06112	.23680
#2	.01713	.00086	126.97	.05041	.11034	42.161	.06095	.23805
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0270	F 31.294	.00333	.28606	.08076	.4114	1.1797	6.4819
Stddev	.0165	.405	.00035	.00818	.00040	.0024	.0095	.5221
%RSD	.32849	1.2949	10.513	2.8591	.49368	.5904	.80627	8.0546
#1	5.0387	31.007	.00357	.28028	.08048	.4131	1.1730	6.8510
#2	5.0153	31.580	.00308	.29184	.08104	.4097	1.1865	6.1127

Sample Name: J5728-03 Acquired: 10/31/2018 18:10:32 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.8752
 Stddev .2161
 %RSD 5.5755

#1 4.0279
 #2 3.7224

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3093.0	41757.	4147.4	97.231	3360.5
Stddev	4.1	193.	29.8	1.355	14.2
%RSD	.13159	.46280	.71847	1.3937	.42146

#1	3090.1	41620.	4168.5	96.273	3350.5
#2	3095.9	41893.	4126.4	98.189	3370.6

Sample Name: J5728-03DUP Acquired: 10/31/2018 18:14:30 Type: Unk
Method: P4-ICP2(v2535) 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	.01376	-.00330	.01225	-.00607	-.00270	10.471	.34384	.00043
Stddev	.00057	.00004	.00066	.00329	.00157	.044	.00155	.00001
%RSD	4.1725	1.2093	5.3819	54.165	57.992	.42194	.45206	1.7380
#1	.01335	-.00333	.01178	-.00840	-.00159	10.440	.34494	.00044
#2	.01416	-.00327	.01271	-.00375	-.00381	10.503	.34274	.00043
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00051	132.42	.02487	.01005	.16220	21.967	.48024	67.840
Stddev	.00000	.43	.00017	.00009	.00025	.635	.00055	.087
%RSD	.23809	.32585	.66978	.87954	.15260	2.8911	.11371	.12887
#1	-.00051	132.11	.02499	.00999	.16202	21.518	.47985	67.902
#2	-.00051	132.72	.02475	.01011	.16237	22.416	.48063	67.778
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01754	-.00040	125.98	.05016	.11159	41.938	.06216	.23397
Stddev	.00062	.00042	.25	.00011	.00365	.038	.00020	.00574
%RSD	3.5624	106.05	.19503	.22157	3.2733	.09012	.31440	2.4516
#1	.01798	-.00010	125.80	.05024	.10901	41.965	.06202	.22991
#2	.01710	-.00069	126.15	.05008	.11418	41.911	.06230	.23803
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0368	F 31.260	.00204	.28177	.08142	.4089	1.1810	6.7201
Stddev	.0207	.005	.00027	.00411	.00013	.0011	.0005	.0609
%RSD	.41177	.01707	13.478	1.4582	.15762	.2597	.04547	.90542
#1	5.0515	31.257	.00223	.27886	.08151	.4081	1.1813	6.6771
#2	5.0222	31.264	.00184	.28468	.08133	.4096	1.1806	6.7631

Sample Name: J5728-03DUP Acquired: 10/31/2018 18:14:30 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.4324
Stddev	.1836
%RSD	4.1426

#1	4.3025
#2	4.5622

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3103.7	41874.	4142.5	97.450	3401.3
Stddev	16.6	45.	2.0	2.728	21.7
%RSD	.53365	.10646	.04809	2.7995	.63838

#1	3091.9	41905.	4141.1	99.379	3386.0
#2	3115.4	41842.	4143.9	95.521	3416.7

Sample Name: J5728-03LX5 Acquired: 10/31/2018 18:18:28 Type: Unk
Method: P4-ICP2(v2535) 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	.00766	.00004	.00348	.00029	1.1427	2.0149	.06932	.00040
Stddev	.00012	.00156	.00085	.00185	.1554	.0159	.00122	.00001
%RSD	1.5981	3611.7	24.411	636.27	13.602	.78697	1.7544	3.1961

#1	.00775	.00114	.00288	-.00102	1.0328	2.0261	.06846	.00039
#2	.00758	-.00106	.00409	.00160	1.2526	2.0037	.07018	.00041

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	26.504	.00497	.00248	.03182	4.2127	.09621	13.318
Stddev	.00002	.009	.00001	.00012	.00004	.1003	.00046	.013
%RSD	12.199	.03334	.28610	5.0341	.12773	2.3821	.47924	.09952

#1	-.00015	26.511	.00498	.00239	.03185	4.1417	.09653	13.327
#2	-.00013	26.498	.00496	.00257	.03179	4.2836	.09588	13.308

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00317	-.00034	24.188	.01058	.02122	8.1845	.60704	.05127
Stddev	.00022	.00006	.248	.00014	.00071	.0451	.07822	.00346
%RSD	6.8846	18.457	1.0236	1.3099	3.3612	.55051	12.885	6.7444

#1	.00302	-.00038	24.013	.01048	.02072	8.2164	.55174	.04882
#2	.00333	-.00029	24.363	.01067	.02173	8.1526	.66235	.05371

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.93191	7.2350	.91737	.22126	.02167	.0725	.22599	5.1111
Stddev	.00591	.1224	.11910	.00893	.00259	.0009	.00175	.3848
%RSD	.63462	1.6913	12.983	4.0342	11.974	1.230	.77396	7.5296

#1	.93609	7.1484	.83315	.22757	.01983	.0732	.22475	4.8389
#2	.92772	7.3215	1.0016	.21495	.02350	.0719	.22723	5.3832

Sample Name: J5728-03LX5 Acquired: 10/31/2018 18:18:28 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.5795
Stddev .0133
%RSD .84396

#1 1.5701
#2 1.5889

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3409.8	45708.	4390.7	106.27	3874.9
Stddev	12.7	22.	32.5	2.73	10.5
%RSD	.37286	.04766	.73926	2.5668	.27156

#1	3400.8	45692.	4413.7	108.20	3867.4
#2	3418.8	45723.	4367.8	104.34	3882.3

Sample Name: J5728-03MS Acquired: 10/31/2018 18:22:27 Type: Unk
Method: P4-ICP2(v2535) 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	.98093	2.1077	1.1467	2.2918	-.00700	13.129	.59031	.23430
Stddev	.00814	.0073	.0033	.0110	.00052	.006	.00061	.00008
%RSD	.82960	.34581	.28850	.47945	7.4272	.04512	.10307	.03497
#1	.98668	2.1025	1.1491	2.2996	-.00736	13.125	.59074	.23424
#2	.97517	2.1128	1.1444	2.2840	-.00663	13.133	.58988	.23435
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21774	135.90	.44453	.23816	.50571	25.019	.71274	70.447
Stddev	.00059	.18	.00072	.00026	.00051	.194	.00013	.095
%RSD	.26960	.13245	.16276	.10905	.10101	.77635	.01784	.13477
#1	.21732	135.77	.44402	.23798	.50607	25.157	.71265	70.380
#2	.21815	136.03	.44504	.23834	.50535	24.882	.71283	70.514
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55105	.07796	130.09	.37061	.35766	54.716	.06091	.56621
Stddev	.00018	.00002	.10	.00009	.00596	.138	.00032	.00378
%RSD	.03224	.03023	.07979	.02345	1.6667	.25170	.52127	.66731
#1	.55092	.07797	130.02	.37055	.36187	54.619	.06113	.56354
#2	.55117	.07794	130.16	.37068	.35344	54.813	.06069	.56889
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0088	F 32.382	.00304	.30519	.33280	6.918	1.4123	6.8407
Stddev	.0015	.006	.00033	.01242	.00096	.006	.0007	.0692
%RSD	.02948	.01812	10.698	4.0705	.28735	.0841	.04943	1.0110
#1	5.0099	32.386	.00281	.31398	.33348	6.913	1.4128	6.7918
#2	5.0078	32.378	.00328	.29641	.33213	6.922	1.4118	6.8897

Sample Name: J5728-03MS Acquired: 10/31/2018 18:22:27 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.4575
Stddev .3426
%RSD 13.942

#1 2.6998
#2 2.2152

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3085.5	41422.	4065.9	97.864	3364.6
Stddev	16.9	43.	1.9	1.440	2.2
%RSD	.54789	.10499	.04664	1.4714	.06565

#1	3073.5	41391.	4064.6	96.846	3363.1
#2	3097.4	41453.	4067.3	98.882	3366.2

Sample Name: J5728-03MSD Acquired: 10/31/2018 18:26:16 Type: Unk
Method: P4-ICP2(v2535) 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	.97439	2.1077	1.1449	2.2936	-.00683	13.117	.58856	.23282
Stddev	.00074	.0024	.0002	.0128	.00032	.035	.00031	.00038
%RSD	.07617	.11417	.02084	.55986	4.6339	.26985	.05240	.16142
#1	.97491	2.1060	1.1447	2.3027	-.00706	13.092	.58834	.23309
#2	.97386	2.1094	1.1451	2.2845	-.00661	13.142	.58878	.23256
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21769	136.78	.44365	.23799	.50413	25.117	.70932	70.328
Stddev	.00009	.20	.00112	.00016	.00047	.445	.00018	.072
%RSD	.04194	.14812	.25181	.06716	.09303	1.7705	.02557	.10193
#1	.21762	136.92	.44286	.23788	.50379	24.803	.70919	70.378
#2	.21775	136.64	.44444	.23810	.50446	25.432	.70945	70.277
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55281	.07740	129.77	.37120	.36019	54.509	.06103	.57614
Stddev	.00089	.00075	.28	.00110	.00673	.066	.00001	.00894
%RSD	.16099	.96756	.21959	.29555	1.8672	.12042	.02118	1.5509
#1	.55344	.07792	129.57	.37043	.35544	54.556	.06104	.56982
#2	.55218	.07687	129.97	.37198	.36495	54.463	.06103	.58246
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9910	F 32.402	.00175	.30777	.33356	6.921	1.4058	7.0460
Stddev	.0070	.144	.00061	.00046	.00209	.020	.0016	.3774
%RSD	.14094	.44315	35.042	.15087	.62730	.2947	.11640	5.3561
#1	4.9860	32.504	.00132	.30810	.33208	6.936	1.4047	6.7792
#2	4.9960	32.301	.00219	.30744	.33504	6.907	1.4070	7.3129

Sample Name: J5728-03MSD Acquired: 10/31/2018 18:26:16 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.2010
Stddev .0568
%RSD 1.7737

#1 3.1609
#2 3.2412

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3116.0	41641.	4069.5	97.225	3373.4
Stddev	12.2	64.	16.1	1.483	11.5
%RSD	.39280	.15453	.39481	1.5254	.34122

#1	3107.3	41595.	4058.1	98.274	3365.2
#2	3124.6	41686.	4080.9	96.176	3381.5

Sample Name: J5728-03A Acquired: 10/31/2018 18:30:05 Type: Unk
Method: P4-ICP2(v2535) 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	.98032	2.1065	1.1468	2.2883	-.00686	13.056	.59087	.23328
Stddev	.00482	.0044	.0004	.0127	.00005	.017	.00442	.00006
%RSD	.49175	.21054	.03773	.55599	.76869	.13327	.74785	.02443

#1	.98373	2.1097	1.1471	2.2793	-.00682	13.044	.59399	.23332
#2	.97691	2.1034	1.1465	2.2973	-.00689	13.068	.58775	.23324

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21761	137.51	.44394	.23900	.50662	25.290	.71062	70.356
Stddev	.00011	.47	.00034	.00029	.00141	.131	.00045	.076
%RSD	.05125	.33900	.07671	.11997	.27885	.51952	.06266	.10818

#1	.21753	137.84	.44370	.23920	.50562	25.383	.71094	70.409
#2	.21768	137.18	.44418	.23880	.50762	25.197	.71031	70.302

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55273	.07764	129.77	.37134	.36287	54.775	.06082	.57874
Stddev	.00106	.00009	.82	.00030	.00066	.078	.00037	.00953
%RSD	.19113	.12143	.62892	.08010	.18147	.14213	.61540	1.6460

#1	.55198	.07771	130.35	.37113	.36240	54.830	.06055	.57201
#2	.55348	.07758	129.19	.37155	.36334	54.720	.06108	.58548

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9924	F 32.670	.00303	.30266	.33218	6.933	1.4088	6.8512
Stddev	.0130	.215	.00068	.00666	.00123	.011	.0064	.1248
%RSD	.26030	.65705	22.338	2.2015	.36895	.1551	.45184	1.8212

#1	5.0016	32.822	.00255	.30737	.33304	6.941	1.4133	6.9394
#2	4.9833	32.518	.00351	.29794	.33131	6.926	1.4043	6.7629

Sample Name: J5728-03A Acquired: 10/31/2018 18:30:05 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.9881
Stddev	.5037
%RSD	16.858

#1	2.6319
#2	3.3443

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3104.0	41719.	4044.8	96.556	3374.9
Stddev	14.3	163.	35.2	.476	24.1
%RSD	.46015	.39117	.87105	.49286	.71546

#1	3093.9	41604.	4019.8	96.220	3357.8
#2	3114.1	41835.	4069.7	96.893	3392.0

Sample Name: J5724-05 Acquired: 10/31/2018 18:33:55 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WHITE-BAG(NE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06874	-.00363	.12749	-.07435	.00389	2.4227	.10138
Stddev	.00391	.00016	.00158	.00290	.00026	.0364	.00064
%RSD	5.6952	4.5336	1.2406	3.9016	6.7307	1.5028	.62809

#1	.07151	-.00352	.12637	-.07641	.00408	2.3970	.10093
#2	.06597	-.00375	.12861	-.07230	.00371	2.4485	.10183

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00288	.00271	1474.7	.13620	.04639	.44586	214.27
Stddev	.00020	.00037	2.4	.00032	.00046	.00342	3.62
%RSD	7.0400	13.471	.16070	.23416	.98218	.76703	1.6907

#1	-.00302	.00246	1476.4	.13598	.04672	.44827	216.84
#2	-.00274	.00297	1473.0	.13643	.04607	.44344	211.71

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1199	12.315	.16620	-.00616	.93718	.08608	.29876
Stddev	.0060	.137	.00086	.00110	.02509	.00001	.00382
%RSD	.28503	1.1163	.51817	17.812	2.6770	.01271	1.2772

#1	2.1242	12.218	.16681	-.00538	.91944	.08609	.30146
#2	2.1157	12.412	.16559	-.00693	.95492	.08607	.29606

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.703	.04199	.14761	F 918.31	1.5644	-.29818	.03738
Stddev	.125	.00011	.01509	4.37	.0168	.00206	.00250
%RSD	.79358	.25775	10.220	.47546	1.0737	.69096	6.6781

#1	15.615	.04207	.15828	921.40	1.5763	-.29963	.03914
#2	15.791	.04191	.13694	915.23	1.5525	-.29672	.03561

Sample Name: J5724-05 Acquired: 10/31/2018 18:33:55 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WHITE-BAG(NE Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04811	1.387	9.8479	16.293	F<.00000
Stddev	.00032	.001	.1079	.414	.83556
%RSD	.66547	.0636	1.0955	2.5419	3.2964

#1	.04834	1.386	9.9242	16.586	-25.939
#2	.04788	1.388	9.7716	16.001	-24.757

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3099.6	41443.	4309.0	101.23	3245.6
Stddev	27.3	119.	27.8	1.84	25.5
%RSD	.88187	.28626	.64542	1.8154	.78648

#1	3080.2	41359.	4289.4	99.927	3227.5
#2	3118.9	41527.	4328.7	102.53	3263.6

Sample Name: J5724-06 Acquired: 10/31/2018 18:38:01 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DARK-SOIL(IN Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20226	-.02901	.26721	-.48793	.06336	127.12	.68982
Stddev	.00126	.00043	.00933	.01711	.00070	.43	.00186
%RSD	.62316	1.4793	3.4906	3.5058	1.1019	.33674	.26899

#1	.20137	-.02931	.26062	-.47583	.06385	126.82	.68850
#2	.20315	-.02871	.27381	-.50002	.06286	127.42	.69113

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00948	.06563	99.782	.18790	.27130	.40384	F 2458.2
Stddev	.00045	.00351	.541	.00078	.00074	.00444	32.4
%RSD	4.7549	5.3433	.54213	.41465	.27255	1.0995	1.3198

#1	.00916	.06315	99.400	.18845	.27182	.40070	2481.2
#2	.00980	.06811	100.16	.18735	.27078	.40698	2435.3

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5275	49.113	1.5841	-.01366	3.2278	F 13.587	10.909
Stddev	.0008	.103	.0039	.00263	.0157	.010	.098
%RSD	.01658	.21020	.24873	19.282	.48700	.07063	.89985

#1	4.5280	49.040	1.5869	-.01180	3.2389	13.581	10.978
#2	4.5269	49.186	1.5813	-.01553	3.2167	13.594	10.839

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.909	.05097	-.24685	F 968.23	2.3790	-.27227	1.6669
Stddev	.036	.00122	.06525	3.72	.0133	.00243	.0013
%RSD	.25773	2.3991	26.433	.38396	.55992	.89113	.07836

#1	13.883	.05011	-.20071	970.86	2.3696	-.27398	1.6678
#2	13.934	.05184	-.29299	965.60	2.3884	-.27055	1.6659

Sample Name: J5724-06 Acquired: 10/31/2018 18:38:01 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DARK-SOIL(IN Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.42362	F 22.64	F -2.1814	<.00000	^ *****
Stddev	.00201	.04	.0371	1.2195	-----
%RSD	.47496	.1659	1.7026	.93577	-----

#1	.42220	22.67	-2.2077	-131.18	^ -----
#2	.42504	22.61	-2.1552	-129.46	^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3233.2	43570.	4379.6	79.106	2810.7
Stddev	3.6	93.	14.3	.886	12.4
%RSD	.11050	.21425	.32716	1.1206	.44084

#1	3230.7	43636.	4389.7	78.479	2801.9
#2	3235.8	43504.	4369.5	79.733	2819.5

Sample Name: J5724-07 Acquired: 10/31/2018 18:41:56 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SOIL-UNDER-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40011	-.01873	1.7661	-.15150	.02785	283.20	1.9060	.01631
Stddev	.00636	.00287	.0186	.00028	.00025	1.81	.0031	.00021
%RSD	1.5904	15.317	1.0516	.18505	.90996	.63779	.16278	1.2631

#1	.39561	-.01670	1.7529	-.15130	.02803	284.48	1.9082	.01646
#2	.40461	-.02076	1.7792	-.15170	.02767	281.92	1.9038	.01617

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01312	281.35	.53958	.33832	.55676	F 963.14	12.275	124.03
Stddev	.00434	.14	.00129	.00069	.00191	37.16	.018	.34
%RSD	33.102	.04988	.23916	.20291	.34297	3.8580	.15068	.27235

#1	.01005	281.45	.53867	.33783	.55541	989.42	12.288	123.79
#2	.01620	281.26	.54049	.33880	.55811	936.87	12.262	124.27

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0612	.00360	2.9388	2.9459	5.2868	25.077	.04168	.04325
Stddev	.0014	.00332	.0076	.0036	.1808	.028	.00028	.05117
%RSD	.12739	92.184	.26026	.12312	3.4193	.11150	.66700	118.29

#1	1.0602	.00595	2.9442	2.9485	5.4146	25.097	.04188	.07943
#2	1.0621	.00125	2.9334	2.9434	5.1590	25.058	.04149	.00707

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 145.82	3.7624	.23294	2.3310	.86500	F 25.78	.53392	<.00000
Stddev	.87	.0366	.00242	.0093	.00031	.16	.03966	.89834
%RSD	.59664	.97380	1.0402	.39844	.03567	.6113	7.4276	1.7991

#1	145.20	3.7883	.23123	2.3245	.86478	25.67	.50587	-50.568
#2	146.43	3.7365	.23465	2.3376	.86522	25.89	.56196	-49.298

Sample Name: J5724-07 Acquired: 10/31/2018 18:41:56 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SOIL-UNDER-B Custom ID2: Custom ID3:
Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3843.2	49908.	5068.4	93.135	3226.2
Stddev	22.7	83.	18.5	3.320	3.4
%RSD	.59073	.16602	.36444	3.5647	.10659
#1	3827.2	49849.	5081.4	90.787	3228.7
#2	3859.3	49966.	5055.3	95.483	3223.8

Sample Name: J5718-02 Acquired: 10/31/2018 18:45:58 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7630 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00555	.00032	.00081	-.00022	-.00016	.00826	.04833	.00011
Stddev	.00067	.00012	.00005	.00038	.00051	.00064	.00141	.00012
%RSD	12.125	39.118	6.0266	173.34	325.61	7.7848	2.9248	101.03

#1	.00508	.00040	.00078	-.00049	.00020	.00871	.04933	.00003
#2	.00603	.00023	.00084	.00005	-.00051	.00780	.04733	.00020

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	9.6626	.00021	.00029	.00068	.00383	.04918	1.1611
Stddev	.00004	.0495	.00025	.00001	.00021	.00418	.00020	.0060
%RSD	99.209	.51253	121.19	1.9442	30.420	109.36	.41023	.51938

#1	-.00001	9.6976	.00003	.00030	.00082	.00678	.04932	1.1653
#2	-.00006	9.6276	.00038	.00029	.00053	.00087	.04904	1.1568

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.00038	94.477	-.00009	.01386	1.3876	-.00010	.03324
Stddev	.00011	.00079	1.151	.00083	.00052	.0175	.00016	.00157
%RSD	86.242	205.43	1.2177	893.86	3.7376	1.2608	156.97	4.7205

#1	-.00020	-.00017	95.291	.00049	.01423	1.3999	.00001	.03435
#2	-.00005	.00094	93.664	-.00068	.01349	1.3752	-.00021	.03213

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0463	1.4356	-.00144	.00180	.01131	-.0018	.04866	4.4659
Stddev	.0087	.0104	.00025	.00115	.00138	.0012	.00078	.1457
%RSD	.28577	.72336	17.091	63.514	12.241	66.27	1.6002	3.2626

#1	3.0524	1.4429	-.00162	.00099	.01033	-.0026	.04921	4.5690
#2	3.0401	1.4282	-.00127	.00261	.01229	-.0010	.04811	4.3629

Sample Name: J5718-02 Acquired: 10/31/2018 18:45:58 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7630 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.1866
Stddev	.0879
%RSD	7.4091

#1	1.1244
#2	1.2488

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3458.1	45495.	4441.6	109.33	3871.0
Stddev	7.7	429.	47.2	2.22	9.5
%RSD	.22265	.94234	1.0633	2.0265	.24606

#1	3452.6	45192.	4408.2	107.76	3864.2
#2	3463.5	45798.	4474.9	110.89	3877.7

Sample Name: CCV08 Acquired: 10/31/2018 18:50:01 Type: Unk
Method: P4-ICP2(v2535) 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	5.2821	4.8074	5.0947	5.0883	5.3561	9.8095	10.314	.25436
Stddev	.0021	.0083	.0075	.0035	.0021	.0943	.115	.00024
%RSD	.04051	.17309	.14711	.06793	.03849	.96171	1.1108	.09274
#1	5.2806	4.8015	5.0894	5.0859	5.3546	9.7427	10.395	.25453
#2	5.2836	4.8133	5.1000	5.0908	5.3575	9.8762	10.233	.25420
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4298	26.861	1.0869	2.4964	1.2774	4.8931	2.5463	25.340
Stddev	.0021	.032	.0006	.0010	.0010	.1130	.0020	.015
%RSD	.08639	.11960	.05893	.03970	.07967	2.3094	.07754	.05937
#1	2.4283	26.884	1.0873	2.4957	1.2766	4.8132	2.5477	25.329
#2	2.4313	26.838	1.0864	2.4971	1.2781	4.9730	2.5449	25.350
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3708	1.2006	23.952	2.5420	F 2.8293	26.593	5.3870	4.8758
Stddev	.0010	.0015	.275	.0030	.0172	.230	.0048	.0256
%RSD	.04200	.12395	1.1465	.11810	.60935	.86542	.08861	.52559
#1	2.3715	1.1995	24.146	2.5441	2.8171	26.756	5.3836	4.8940
#2	2.3701	1.2016	23.758	2.5399	2.8415	26.430	5.3904	4.8577
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6753	F 5.5932	4.9079	4.9935	5.2253	4.779	4.9039	4.9585
Stddev	.0102	.0646	.0059	.0207	.0615	.012	.0455	.1719
%RSD	.21891	1.1549	.11963	.41361	1.1763	.2410	.92795	3.4662
#1	4.6825	5.6389	4.9038	5.0081	5.2687	4.771	4.9361	4.8370
#2	4.6680	5.5476	4.9121	4.9789	5.1818	4.787	4.8717	5.0801

Sample Name: CCV08 Acquired: 10/31/2018 18:50:01 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.5931
Stddev .0283
%RSD 1.0899

#1 2.5731
#2 2.6131

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3436.4	45765.	4389.3	102.96	3738.4
Stddev	4.8	109.	61.2	.46	5.2
%RSD	.14098	.23781	1.3950	.44884	.13794

#1	3432.9	45688.	4346.0	103.29	3734.8
#2	3439.8	45842.	4432.6	102.64	3742.1

Sample Name: CCB08 Acquired: 10/31/2018 18:53:47 Type: Unk
Method: P4-ICP2(v2535) 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	.00293	.00170	-.00025	-.00021	-.00111	.00155	.00236	.00015
Stddev	.00104	.00027	.00053	.00052	.00045	.00428	.00034	.00004
%RSD	35.374	15.831	210.37	249.48	40.531	275.54	14.194	28.503
#1	.00219	.00189	.00012	-.00057	-.00142	.00458	.00260	.00018
#2	.00366	.00151	-.00063	.00016	-.00079	-.00147	.00212	.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00405	.00021	.00034	.00008	.00414	-.00003	-.03795
Stddev	.00008	.01190	.00001	.00004	.00005	.01498	.00003	.00577
%RSD	230.86	294.00	5.5598	11.941	55.265	361.82	109.36	15.206
#1	-.00002	.01246	.00022	.00031	.00005	-.00645	-.00001	-.03387
#2	.00009	-.00437	.00020	.00037	.00011	.01473	-.00004	-.04203
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00055	.00032	-.05612	-.00066	.00019	-.14082	.00061	.00915
Stddev	.00044	.00013	.00632	.00020	.00002	.02486	.00006	.01634
%RSD	79.932	41.927	11.260	29.874	12.815	17.653	10.027	178.50
#1	.00086	.00023	-.05165	-.00080	.00021	-.12324	.00066	.02071
#2	.00024	.00042	-.06059	-.00052	.00017	-.15839	.00057	-.00240
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .03350	.01490	-.00033	-.00129	F .00812	-.0034	-.00014	F 3.2410
Stddev	.00259	.00067	.00125	.00073	.00052	.0003	.00001	.0877
%RSD	7.7422	4.5237	373.96	56.905	6.4625	9.230	3.5660	2.7054
#1	.03533	.01537	.00055	-.00077	.00849	-.0032	-.00014	3.3030
#2	.03167	.01442	-.00122	-.00180	.00775	-.0037	-.00015	3.1790

Sample Name: CCB08 Acquired: 10/31/2018 18:53:47 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .08865
Stddev .37201
%RSD 419.62

#1 .35170
#2 -.17440

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3582.4	47713.	4399.7	110.05	4226.1
Stddev	11.1	42.	43.8	.54	11.1
%RSD	.31099	.08772	.99636	.48727	.26210

#1	3574.5	47683.	4430.7	109.67	4218.2
#2	3590.2	47742.	4368.7	110.43	4233.9

Sample Name: J5718-02DUP Acquired: 10/31/2018 18:57:53 Type: Unk
Method: P4-ICP2(v2535) 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	.00498	.00090	.00086	.00039	-.00230	-.00422	.04792	.00005
Stddev	.00089	.00038	.00023	.00306	.00118	.00315	.00035	.00006
%RSD	17.927	41.671	26.518	790.10	51.273	74.723	.72679	116.23

#1	.00435	.00117	.00070	.00255	-.00147	-.00199	.04768	.00010
#2	.00561	.00064	.00102	-.00178	-.00314	-.00645	.04817	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	9.6324	.00029	.00054	.00067	-.00184	.04876	1.1421
Stddev	.00004	.0081	.00038	.00009	.00010	.01006	.00034	.0033
%RSD	146.19	.08380	132.28	17.078	15.497	545.68	.69648	.28842

#1	-.00006	9.6267	.00056	.00060	.00074	-.00896	.04852	1.1398
#2	.00000	9.6381	.00002	.00047	.00059	.00527	.04900	1.1445

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	.00037	95.746	.00003	.01381	1.3250	.00017	.03665
Stddev	.00013	.00067	.712	.00004	.00007	.0245	.00007	.00303
%RSD	56.543	181.77	.74414	114.01	.48017	1.8495	39.958	8.2726

#1	-.00014	-.00010	96.250	.00006	.01385	1.3423	.00012	.03451
#2	-.00032	.00084	95.242	.00001	.01376	1.3076	.00021	.03880

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9809	1.4381	-.00121	.00018	.01034	-.0017	.04904	4.6604
Stddev	.0021	.0001	.00077	.00086	.00067	.0002	.00014	.1796
%RSD	.07175	.00675	63.191	487.33	6.4684	12.72	.28140	3.8544

#1	2.9824	1.4382	-.00176	-.00043	.01081	-.0018	.04894	4.5334
#2	2.9793	1.4381	-.00067	.00078	.00987	-.0015	.04913	4.7874

Sample Name: J5718-02DUP Acquired: 10/31/2018 18:57:53 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.3949
Stddev	.0342
%RSD	2.4507

#1	1.3708
#2	1.4191

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3478.3	45964.	4426.1	107.88	3886.7
Stddev	8.9	73.	10.5	.54	10.1
%RSD	.25538	.15904	.23740	.49711	.25963

#1	3472.0	45912.	4418.7	107.51	3879.5
#2	3484.6	46015.	4433.6	108.26	3893.8

Sample Name: J5718-02LX5 Acquired: 10/31/2018 19:01:55 Type: Unk
Method: P4-ICP2(v2535) 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	.00438	.00112	-.00048	-.00188	-.00207	-.00591	.01310	.00013
Stddev	.00082	.00048	.00111	.00283	.00023	.01636	.00011	.00003
%RSD	18.674	42.590	231.69	150.79	10.921	276.77	.83455	20.211

#1	.00381	.00146	.00031	.00012	-.00223	.00566	.01302	.00011
#2	.00496	.00079	-.00127	-.00388	-.00191	-.01748	.01318	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	2.2249	.00015	.00017	.00001	-.00952	.01117	.25114
Stddev	.00004	.0117	.00020	.00025	.00049	.00610	.00006	.05403
%RSD	45.610	.52642	135.72	153.18	3436.6	64.058	.49416	21.514

#1	.00006	2.2166	.00001	.00035	-.00033	-.00521	.01113	.28934
#2	.00013	2.2332	.00030	-.00001	.00036	-.01384	.01121	.21294

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.00091	22.059	.00008	.00326	.15380	-.00012	.01428
Stddev	.00011	.00006	.063	.00006	.00018	.03334	.00009	.00104
%RSD	71.328	6.2894	.28752	82.676	5.5640	21.679	72.859	7.3069

#1	.00007	.00087	22.104	.00012	.00339	.13023	-.00006	.01501
#2	.00022	.00095	22.014	.00003	.00313	.17738	-.00018	.01354

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66204	.34165	.00042	-.00020	.00890	-.0036	.01135	3.8854
Stddev	.00515	.00446	.00066	.00207	.00265	.0011	.00009	.2526
%RSD	.77737	1.3041	155.32	1058.9	29.838	30.37	.81158	6.5023

#1	.66568	.34480	-.00004	.00127	.00702	-.0044	.01141	3.7068
#2	.65840	.33850	.00089	-.00166	.01078	-.0028	.01128	4.0641

Sample Name: J5718-02LX5 Acquired: 10/31/2018 19:01:55 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .70678
 Stddev .07294
 %RSD 10.321

#1 .75836
 #2 .65520

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3532.9	46722.	4406.1	107.85	4053.3
Stddev	14.6	71.	26.2	1.92	10.5
%RSD	.41439	.15209	.59423	1.7844	.25797

#1	3522.6	46772.	4387.6	106.49	4045.9
#2	3543.3	46671.	4424.6	109.21	4060.7

Sample Name: J5718-02MS Acquired: 10/31/2018 19:06:00 Type: Unk
Method: P4-ICP2(v2535) 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	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.91626	2.0865	1.0940	2.2278	.92212	2.0832	.28271	.22303	.21233
Stddev	.00312	.0129	.0063	.0025	.00223	.0199	.00088	.00013	.00148
%RSD	.34015	.61732	.57434	.11378	.24219	.95743	.31283	.05911	.69726
#1	.91846	2.0774	1.0895	2.2261	.92054	2.0973	.28333	.22293	.21129
#2	.91405	2.0956	1.0984	2.2296	.92370	2.0691	.28208	.22312	.21338
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.945	.40699	.21835	.34085	3.0929	.27859	3.5271	.51913	.07460
Stddev	.004	.00151	.00196	.00155	.0025	.00043	.0233	.00201	.00158
%RSD	.03048	.37037	.89804	.45540	.08077	.15418	.66186	.38664	2.1169
#1	11.948	.40592	.21697	.33975	3.0911	.27828	3.5106	.51771	.07572
#2	11.942	.40805	.21974	.34195	3.0947	.27889	3.5436	.52055	.07348
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	110.94	.30563	.25895	13.191	.47275	.35469	3.3243	2.7556	.75713
Stddev	.12	.00085	.00286	.035	.00034	.00233	.0161	.0250	.00485
%RSD	.10775	.27737	1.1062	.26164	.07196	.65650	.48299	.90649	.64120
#1	111.02	.30623	.25692	13.166	.47251	.35304	3.3129	2.7380	.75369
#2	110.85	.30503	.26097	13.215	.47299	.35634	3.3356	2.7733	.76056
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.22039	.24108	6.238	.26539	3.9218	.39640			
Stddev	.00108	.00295	.018	.00012	.3887	.50035			
%RSD	.49112	1.2253	.2962	.04506	9.9120	126.23			
#1	.22116	.24317	6.225	.26548	4.1967	.75020			
#2	.21963	.23899	6.251	.26531	3.6470	.04259			

Sample Name: J5718-02MS Acquired: 10/31/2018 19:06:00 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC 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	3511.6	46115.	4400.7	108.65	3854.2
Stddev	8.8	114.	7.2	.49	8.0
%RSD	.25066	.24646	.16409	.45300	.20727
#1	3505.4	46035.	4405.8	109.00	3859.9
#2	3517.8	46196.	4395.6	108.30	3848.6

Sample Name: J5718-02MSD Acquired: 10/31/2018 19:09:49 Type: Unk
Method: P4-ICP2(v2535) 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	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.91760	2.1014	1.1002	2.2369	.92269	2.0881	.28472	.22384	.21379
Stddev	.00545	.0114	.0080	.0055	.00080	.0126	.00010	.00016	.00061
%RSD	.59430	.54342	.73162	.24760	.08669	.60335	.03394	.07258	.28396
#1	.91375	2.0933	1.0945	2.2330	.92212	2.0970	.28466	.22372	.21336
#2	.92146	2.1094	1.1059	2.2408	.92325	2.0792	.28479	.22395	.21422
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.033	.40921	.21973	.34131	3.1522	.27971	3.5529	.52333	.07500
Stddev	.083	.00117	.00059	.00028	.0373	.00015	.0389	.00155	.00012
%RSD	.69198	.28628	.26763	.08280	1.1839	.05357	1.0941	.29641	.16272
#1	12.092	.40838	.21932	.34111	3.1786	.27982	3.5255	.52224	.07509
#2	11.974	.41004	.22015	.34151	3.1258	.27961	3.5804	.52443	.07491
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	111.41	.30921	.26333	13.286	.47395	.35896	3.3429	2.7970	.76180
Stddev	.12	.00098	.00271	.037	.00000	.00613	.0120	.0128	.00335
%RSD	.10352	.31855	1.0281	.28095	.00041	1.7089	.36011	.45731	.43911
#1	111.33	.30991	.26524	13.312	.47395	.36330	3.3344	2.8061	.75943
#2	111.49	.30851	.26141	13.259	.47395	.35463	3.3514	2.7880	.76417
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.22415	.24304	6.274	.26716	3.9735	.82501			
Stddev	.00111	.00086	.013	.00014	.2100	.04278			
%RSD	.49532	.35325	.2089	.05189	5.2858	5.1848			
#1	.22336	.24365	6.264	.26706	3.8250	.79477			
#2	.22493	.24244	6.283	.26726	4.1220	.85526			

Sample Name: J5718-02MSD Acquired: 10/31/2018 19:09:49 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC 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	3491.2	45967.	4357.8	106.88	3820.6
Stddev	.9	79.	1.3	1.20	1.2
%RSD	.02568	.17201	.02946	1.1212	.03167
#1	3490.5	45911.	4358.7	106.03	3821.5
#2	3491.8	46023.	4356.8	107.72	3819.7

Sample Name: J5718-02A Acquired: 10/31/2018 19:13:38 Type: Unk
Method: P4-ICP2(v2535) 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	.94552	2.1647	1.1360	2.3074	.95515	2.1858	.29443	.23266
Stddev	.00185	.0037	.0021	.0103	.00350	.0382	.00117	.00026
%RSD	.19557	.16911	.18534	.44632	.36613	1.7457	.39804	.11257

#1	.94421	2.1621	1.1345	2.3147	.95762	2.2128	.29361	.23285
#2	.94683	2.1673	1.1375	2.3001	.95268	2.1588	.29526	.23248

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22025	12.417	.42505	.22657	.35456	3.2414	.29052	3.6781
Stddev	.00053	.065	.00116	.00079	.00153	.0438	.00023	.0124
%RSD	.24142	.52589	.27322	.35025	.43108	1.3508	.07917	.33793

#1	.21987	12.371	.42587	.22601	.35564	3.2724	.29069	3.6869
#2	.22063	12.463	.42423	.22713	.35348	3.2105	.29036	3.6693

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53990	.07794	114.33	.31990	.26663	13.730	.48904	.37740
Stddev	.00059	.00018	1.47	.00080	.00368	.123	.00029	.00031
%RSD	.10943	.22870	1.2882	.25002	1.3816	.89609	.05888	.08186

#1	.54032	.07807	113.29	.32046	.26402	13.643	.48925	.37761
#2	.53949	.07782	115.37	.31933	.26923	13.817	.48884	.37718

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4518	2.8466	.78439	.23292	.25105	6.468	.27374	4.5415
Stddev	.0130	.0372	.00025	.00095	.00367	.019	.00230	.3069
%RSD	.37682	1.3067	.03131	.40975	1.4620	.2884	.84074	6.7584

#1	3.4426	2.8203	.78422	.23224	.24845	6.454	.27211	4.7585
#2	3.4610	2.8729	.78457	.23359	.25364	6.481	.27537	4.3245

Sample Name: J5718-02A Acquired: 10/31/2018 19:13:38 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .29783
%RSD 948.86

#1 -.24199
#2 .17921

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3394.6	44519.	4271.5	105.71	3720.9
Stddev	15.1	71.	63.2	1.15	.7
%RSD	.44567	.15855	1.4801	1.0848	.01892

#1	3383.9	44469.	4316.2	106.52	3721.4
#2	3405.3	44569.	4226.8	104.90	3720.4

Sample Name: J5719-01 Acquired: 10/31/2018 19:17:26 Type: Unk
Method: P4-ICP2(v2535) 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	.00020	.00003	.01463	.00221	.00100	.03292	.19190	.00009
Stddev	.00225	.00002	.00090	.00239	.00016	.01304	.00029	.00002
%RSD	1149.7	66.259	6.1372	108.40	16.118	39.599	.15054	22.991

#1	.00178	.00002	.01400	.00390	.00088	.02370	.19210	.00007
#2	-.00139	.00004	.01527	.00052	.00111	.04214	.19169	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05296	2.3002	.00075	.00073	.04065	.06747	.07006	.41934
Stddev	.00012	.0246	.00019	.00035	.00038	.00127	.00010	.01291
%RSD	.23316	1.0685	25.935	47.148	.92914	1.8831	.14031	3.0790

#1	.05288	2.2828	.00089	.00049	.04038	.06837	.06999	.42847
#2	.05305	2.3176	.00061	.00098	.04091	.06657	.07013	.41021

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00236	.00061	231.20	-.00015	.25211	.24054	-.00023	.03589
Stddev	.00011	.00000	.57	.00015	.00523	.03400	.00003	.00148
%RSD	4.4698	.00196	.24798	96.785	2.0725	14.134	11.656	4.1117

#1	.00244	.00061	230.79	-.00005	.24842	.21650	-.00021	.03693
#2	.00229	.00061	231.61	-.00025	.25581	.26458	-.00025	.03484

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24425	.14056	.00386	.00046	.00701	.0509	.01149	3.6147
Stddev	.00407	.00051	.00036	.00167	.00089	.0006	.00015	.1274
%RSD	1.6664	.35930	9.4267	359.25	12.761	1.131	1.3100	3.5251

#1	.24137	.14021	.00360	.00165	.00638	.0513	.01138	3.7048
#2	.24713	.14092	.00411	-.00072	.00764	.0505	.01160	3.5246

Sample Name: J5719-01 Acquired: 10/31/2018 19:17:26 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.1862
Stddev .5555
%RSD 46.831

#1 .79337
#2 1.5790

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3521.5	46474.	4559.1	109.88	3842.0
Stddev	10.0	42.	2.8	1.77	11.1
%RSD	.28524	.08987	.06148	1.6088	.28848

#1	3514.4	46444.	4561.0	111.13	3834.2
#2	3528.6	46503.	4557.1	108.63	3849.9

Sample Name: J5719-01DUP Acquired: 10/31/2018 19:21:34 Type: Unk
Method: P4-ICP2(v2535) 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	.00112	-.00142	.01532	.00229	.00163	.04804	.21350	-.00001
Stddev	.00160	.00161	.00081	.00007	.00024	.00713	.00019	.00001
%RSD	142.69	113.73	5.3197	3.0509	14.436	14.849	.09057	40.071

#1	.00226	-.00255	.01474	.00234	.00146	.05308	.21364	-.00002
#2	-.00001	-.00028	.01589	.00224	.00180	.04299	.21336	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05713	2.5263	.00052	.00061	.04401	.05673	.07693	.45516
Stddev	.00002	.0750	.00041	.00015	.00029	.00990	.00021	.01484
%RSD	.03447	2.9684	79.457	24.694	.66795	17.441	.27467	3.2606

#1	.05714	2.4733	.00081	.00072	.04381	.06373	.07708	.46565
#2	.05711	2.5793	.00023	.00051	.04422	.04974	.07678	.44466

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00135	.00048	249.18	.00018	.27633	.37624	-.00017	.04281
Stddev	.00039	.00054	.36	.00027	.00263	.01002	.00002	.00132
%RSD	28.906	111.59	.14350	155.26	.95074	2.6625	9.5073	3.0723

#1	.00108	.00010	248.93	-.00002	.27818	.36916	-.00018	.04188
#2	.00163	.00086	249.44	.00037	.27447	.38332	-.00015	.04374

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26619	.15627	.00170	.00044	.01327	.0555	.01269	5.4435
Stddev	.00258	.00666	.00099	.00145	.00480	.0011	.00004	.2231
%RSD	.96821	4.2637	58.114	332.05	36.138	1.910	.33844	4.0990

#1	.26437	.16098	.00100	-.00059	.00988	.0563	.01266	5.6013
#2	.26802	.15156	.00240	.00146	.01666	.0548	.01272	5.2858

Sample Name: J5719-01DUP Acquired: 10/31/2018 19:21:34 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.92854
Stddev	.39958
%RSD	43.033

#1	1.2111
#2	.64599

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3161.4	41776.	4094.0	98.458	3478.2
Stddev	12.9	180.	2.6	1.579	25.4
%RSD	.40816	.43083	.06398	1.6039	.72889

#1	3152.2	41649.	4095.9	97.342	3460.2
#2	3170.5	41903.	4092.2	99.575	3496.1

Sample Name: J5719-01LX5 Acquired: 10/31/2018 19:25:42 Type: Unk
Method: P4-ICP2(v2535) 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	.00291	.00016	.00434	.00209	-.00091	.00737	.04343	.00008
Stddev	.00151	.00138	.00040	.00096	.00154	.00462	.00031	.00002
%RSD	52.006	872.90	9.2167	45.877	168.16	62.709	.71536	21.067

#1	.00398	-.00082	.00463	.00141	-.00200	.00410	.04365	.00009
#2	.00184	.00113	.00406	.00277	.00017	.01064	.04321	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01083	.49557	.00043	.00033	.00884	.01319	.01483	.09870
Stddev	.00010	.02669	.00037	.00021	.00014	.00885	.00001	.02048
%RSD	.91412	5.3857	86.538	63.497	1.6285	67.111	.05970	20.753

#1	.01090	.47670	.00017	.00018	.00874	.00693	.01483	.11319
#2	.01076	.51445	.00070	.00048	.00894	.01945	.01484	.08422

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00029	49.305	-.00007	.05447	-.05412	-.00038	.02032
Stddev	.00019	.00069	.166	.00017	.00060	.00007	.00039	.00121
%RSD	3958.8	237.06	.33671	228.71	1.0985	.12125	102.05	5.9497

#1	-.00013	.00078	49.188	-.00019	.05489	-.05417	-.00011	.02118
#2	.00014	-.00020	49.422	.00005	.05405	-.05408	-.00066	.01947

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05490	.04257	.00038	-.00064	.01090	.0086	.00234	3.8859
Stddev	.00023	.00338	.00033	.00180	.00129	.0016	.00014	.2182
%RSD	.41307	7.9448	86.225	281.78	11.861	18.65	6.0539	5.6142

#1	.05506	.04018	.00015	.00063	.01181	.0074	.00224	4.0401
#2	.05474	.04496	.00061	-.00191	.00998	.0097	.00244	3.7316

Sample Name: J5719-01LX5 Acquired: 10/31/2018 19:25:42 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.92513
Stddev	.18897
%RSD	20.427

#1	1.0587
#2	.79150

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3484.2	45939.	4328.5	105.44	3914.8
Stddev	9.4	95.	34.8	1.04	10.7
%RSD	.27012	.20754	.80477	.98576	.27277

#1	3477.5	45872.	4353.1	104.71	3907.2
#2	3490.8	46007.	4303.8	106.18	3922.3

Sample Name: J5719-01MS Acquired: 10/31/2018 19:29:47 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14096 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.95337	2.1432	1.1610	2.3129	.96159	2.2500	.46001	.22946
Stddev	.00253	.0045	.0019	.0123	.00836	.0063	.00078	.00011
%RSD	.26585	.21110	.16548	.53053	.86889	.27984	.17005	.04871

#1	.95516	2.1400	1.1597	2.3216	.96749	2.2456	.45946	.22938
#2	.95157	2.1464	1.1624	2.3043	.95568	2.2545	.46056	.22954

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28122	3.8481	.43807	.23288	.39492	3.3689	.31383	2.7711
Stddev	.00029	.0066	.00187	.00002	.00010	.1583	.00052	.0096
%RSD	.10136	.17141	.42678	.01015	.02460	4.6973	.16667	.34798

#1	.28102	3.8434	.43675	.23289	.39485	3.2570	.31346	2.7643
#2	.28142	3.8528	.43939	.23286	.39499	3.4808	.31420	2.7779

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55416	.07813	256.84	.32839	.51294	12.746	.50577	.37735
Stddev	.00028	.00084	2.58	.00108	.02474	.048	.00171	.01222
%RSD	.04990	1.0752	1.0030	.32844	4.8227	.37509	.33723	3.2389

#1	.55396	.07872	255.02	.32763	.49545	12.780	.50698	.36870
#2	.55435	.07754	258.67	.32916	.53043	12.712	.50457	.38599

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25668	1.3322	.80160	.23835	.25554	6.570	.23948	5.1308
Stddev	.00041	.0231	.00302	.00247	.00184	.003	.00035	.0182
%RSD	.15838	1.7347	.37736	1.0351	.71809	.0423	.14564	.35454

#1	.25640	1.3159	.79946	.23661	.25684	6.568	.23973	5.1437
#2	.25697	1.3486	.80374	.24009	.25425	6.572	.23924	5.1179

Sample Name: J5719-01MS Acquired: 10/31/2018 19:29:47 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14096 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.11782
%RSD	222.90

#1	-.13617
#2	.03045

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3188.9	42120.	4060.8	100.92	3450.6
Stddev	10.8	139.	24.9	4.74	2.2
%RSD	.34022	.32939	.61334	4.7002	.06422

#1	3181.2	42021.	4078.4	104.28	3449.0
#2	3196.6	42218.	4043.1	97.567	3452.1

Sample Name: J5719-01MSD Acquired: 10/31/2018 19:33:42 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14096 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.95491	2.1292	1.1578	2.3131	.96118	2.2515	.45804	.22921
Stddev	.00232	.0141	.0039	.0008	.00107	.0080	.00265	.00008
%RSD	.24282	.66384	.33534	.03342	.11098	.35728	.57800	.03370

#1	.95655	2.1392	1.1606	2.3136	.96193	2.2572	.45616	.22915
#2	.95327	2.1192	1.1551	2.3126	.96043	2.2458	.45991	.22926

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28002	3.7679	.43814	.23255	.39294	3.3965	.31275	2.7554
Stddev	.00102	.0189	.00128	.00095	.00129	.0200	.00003	.0449
%RSD	.36467	.50178	.29127	.40682	.32841	.59002	.01033	1.6307

#1	.28074	3.7813	.43904	.23321	.39385	3.4106	.31272	2.7236
#2	.27929	3.7546	.43724	.23188	.39203	3.3823	.31277	2.7871

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55296	.07775	254.94	.32711	.52424	12.757	.50302	.38273
Stddev	.00069	.00062	2.19	.00044	.00654	.002	.00240	.00035
%RSD	.12501	.79800	.85740	.13496	1.2483	.01739	.47667	.09081

#1	.55345	.07731	256.49	.32680	.52887	12.759	.50472	.38248
#2	.55247	.07818	253.39	.32743	.51962	12.756	.50133	.38297

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25715	1.3281	.79634	.23888	.25568	6.556	.23983	5.0090
Stddev	.00655	.0001	.00453	.00114	.00524	.054	.00161	.4730
%RSD	2.5490	.00890	.56944	.47896	2.0497	.8261	.67222	9.4432

#1	.26178	1.3280	.79955	.23807	.25198	6.595	.23869	5.3434
#2	.25251	1.3282	.79314	.23969	.25939	6.518	.24097	4.6745

Sample Name: J5719-01MSD Acquired: 10/31/2018 19:33:42 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14096 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.44427
%RSD	328.36

#1	.17885
#2	-.44945

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3199.8	42185.	4054.8	98.542	3462.0
Stddev	19.8	140.	1.4	1.367	24.5
%RSD	.61828	.33276	.03567	1.3873	.70782

#1	3185.8	42085.	4053.7	97.575	3444.7
#2	3213.8	42284.	4055.8	99.508	3479.4

Sample Name: CCV09 Acquired: 10/31/2018 19:37:39 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BAG(WHITE-ST Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1168	4.7517	4.9861	4.9614	5.1894	9.4584	10.004	.24817
Stddev	.0268	.0040	.0054	.0069	.0123	.1293	.081	.00022
%RSD	.52340	.08516	.10767	.13928	.23637	1.3668	.81360	.08687
#1	5.0979	4.7488	4.9823	4.9566	5.1807	9.3669	10.061	.24802
#2	5.1358	4.7546	4.9899	4.9663	5.1980	9.5498	9.9463	.24833
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3894	25.568	1.0765	2.4443	1.2465	4.7153	2.4877	24.488
Stddev	.0000	.064	.0039	.0039	.0003	.0480	.0003	.105
%RSD	.00145	.25050	.36504	.16062	.02289	1.0180	.01017	.42901
#1	2.3894	25.613	1.0737	2.4415	1.2467	4.7493	2.4875	24.562
#2	2.3893	25.523	1.0792	2.4471	1.2463	4.6814	2.4878	24.414
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3365	1.1760	23.388	2.5181	2.7372	25.659	5.2172	4.7524
Stddev	.0015	.0057	.198	.0001	.0485	.233	.0080	.0350
%RSD	.06634	.48469	.84813	.00467	1.7716	.90924	.15269	.73627
#1	2.3354	1.1719	23.529	2.5180	2.7715	25.824	5.2115	4.7771
#2	2.3376	1.1800	23.248	2.5182	2.7029	25.494	5.2228	4.7277
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5649	5.3952	4.8097	4.8495	5.0773	4.690	4.7862	F 4.4313
Stddev	.0088	.0485	.0052	.0185	.0433	.001	.0464	.0775
%RSD	.19283	.89863	.10709	.38236	.85268	.0269	.96945	1.7498
#1	4.5587	5.4294	4.8061	4.8626	5.1079	4.689	4.8190	4.3764
#2	4.5711	5.3609	4.8134	4.8364	5.0467	4.691	4.7534	4.4861

Sample Name: CCV09 Acquired: 10/31/2018 19:37:39 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BAG(WHITE-ST Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.0629
Stddev	.0299
%RSD	1.4487

#1	2.0418
#2	2.0841

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3566.5	47225.	4545.3	107.03	3848.5
Stddev	4.3	174.	55.5	2.03	.3
%RSD	.12083	.36796	1.2218	1.8955	.00877

#1	3569.5	47103.	4506.0	105.60	3848.2
#2	3563.4	47348.	4584.5	108.47	3848.7

Sample Name: CCB09 Acquired: 10/31/2018 19:41:24 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RED-SHALE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00395	.00061	.00035	.00038	.00002	.00134	.00204	.00006
Stddev	.00145	.00015	.00066	.00019	.00169	.01043	.00109	.00002
%RSD	36.807	24.663	192.43	49.177	6793.5	776.96	53.349	40.466
#1	.00498	.00072	-.00012	.00025	.00122	.00872	.00127	.00004
#2	.00292	.00050	.00082	.00051	-.00117	-.00603	.00280	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00540	-.00004	.00006	-.00059	-.00067	.00001	-.04519
Stddev	.00004	.00153	.00003	.00015	.00023	.00537	.00007	.00218
%RSD	278.50	28.261	66.618	273.20	38.196	797.27	659.27	4.8212
#1	-.00004	-.00432	-.00006	.00016	-.00043	-.00447	.00006	-.04674
#2	.00001	-.00648	-.00002	-.00005	-.00075	.00313	-.00004	-.04365
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00054	.00068	-.01833	-.00010	.00007	-.17167	.00059	.00818
Stddev	.00018	.00010	.00859	.00043	.00013	.00425	.00001	.00182
%RSD	33.678	14.007	46.896	411.88	179.25	2.4743	2.1312	22.306
#1	.00041	.00075	-.01225	-.00041	-.00002	-.17467	.00060	.00947
#2	.00066	.00061	-.02440	.00020	.00016	-.16866	.00058	.00689
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00611	.01005	-.00019	-.00221	F .00802	-.0039	-.00003	F 2.8319
Stddev	.00131	.00159	.00016	.00361	.00033	.0011	.00004	.0470
%RSD	21.393	15.791	85.881	163.05	4.1541	28.77	129.57	1.6600
#1	.00703	.00893	-.00031	-.00476	.00825	-.0047	-.00000	2.7987
#2	.00518	.01117	-.00007	.00034	.00778	-.0031	-.00006	2.8652

Sample Name: CCB09 Acquired: 10/31/2018 19:41:24 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RED-SHALE Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .07842
Stddev	.47782
%RSD	609.33

#1	-.25945
#2	.41629

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3635.5	48338.	4531.9	110.79	4238.1
Stddev	2.4	207.	15.4	1.14	1.4
%RSD	.06515	.42796	.34057	1.0265	.03251

#1	3633.8	48484.	4521.0	111.59	4239.0
#2	3637.1	48192.	4542.8	109.98	4237.1

Sample Name: J5719-01A Acquired: 10/31/2018 19:45:30 Type: Unk
Method: P4-ICP2(v2535) 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	.93753	2.1111	1.1371	2.2736	.94865	2.2370	.45305	.22728
Stddev	.00419	.0023	.0040	.0137	.00049	.0304	.00288	.00020
%RSD	.44678	.10770	.35177	.60332	.05197	1.3605	.63598	.08970

#1	.93456	2.1127	1.1399	2.2639	.94900	2.2586	.45102	.22714
#2	.94049	2.1095	1.1343	2.2833	.94830	2.2155	.45509	.22743

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27657	3.7597	.43699	.22894	.38838	3.4238	.31018	2.6994
Stddev	.00018	.0223	.00207	.00072	.00081	.0576	.00014	.0368
%RSD	.06645	.59306	.47319	.31362	.20727	1.6820	.04543	1.3619

#1	.27670	3.7440	.43553	.22843	.38781	3.3831	.31008	2.6734
#2	.27644	3.7755	.43846	.22944	.38895	3.4645	.31028	2.7254

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54669	.07694	253.06	.32723	.51877	12.538	.49548	.38268
Stddev	.00063	.00134	7.05	.00031	.00865	.048	.00241	.00869
%RSD	.11485	1.7437	2.7856	.09370	1.6682	.38140	.48636	2.2711

#1	.54713	.07599	248.07	.32745	.51265	12.504	.49377	.37654
#2	.54625	.07788	258.04	.32701	.52489	12.572	.49718	.38883

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25297	1.3016	.78611	.23423	.25223	6.467	.23783	4.5292
Stddev	.00357	.0116	.00170	.00063	.00002	.022	.00077	.0997
%RSD	1.4120	.88780	.21644	.26846	.00822	.3422	.32291	2.2001

#1	.25044	1.2934	.78491	.23378	.25222	6.483	.23728	4.5996
#2	.25549	1.3097	.78732	.23467	.25225	6.452	.23837	4.4587

Sample Name: J5719-01A Acquired: 10/31/2018 19:45:30 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .08460
%RSD 142.93

#1 .00063
#2 -.11902

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3248.3	42641.	4116.5	99.486	3504.6
Stddev	6.4	4.	48.5	1.540	10.8
%RSD	.19659	.00996	1.1790	1.5480	.30900

#1	3252.8	42638.	4150.8	100.58	3497.0
#2	3243.8	42644.	4082.2	98.397	3512.3

Sample Name: J5719-02 Acquired: 10/31/2018 19:49:27 Type: Unk
Method: P4-ICP2(v2535) 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	-.00208	-.00062	.03360	.00172	.00331	.14852	.25529	.00005
Stddev	.00008	.00098	.00085	.00514	.00295	.00596	.00040	.00002
%RSD	3.9995	157.35	2.5308	299.32	89.118	4.0162	.15645	45.361

#1	-.00202	-.00132	.03420	.00535	.00539	.15274	.25500	.00003
#2	-.00214	.00007	.03300	-.00192	.00122	.14430	.25557	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00140	1.3413	.00109	.00052	.10314	.02616	.01168	.18069
Stddev	.00005	.0014	.00044	.00026	.00055	.00170	.00009	.02439
%RSD	3.8478	.10049	40.710	50.139	.53140	6.4806	.76995	13.501

#1	.00136	1.3403	.00078	.00071	.10352	.02736	.01162	.19794
#2	.00144	1.3422	.00140	.00034	.10275	.02496	.01174	.16344

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00235	.00039	322.31	.00054	.74334	.38340	.00017	.04673
Stddev	.00032	.00014	.41	.00005	.01856	.02513	.00030	.00240
%RSD	13.703	34.756	.12866	9.9518	2.4972	6.5554	179.79	5.1260

#1	.00258	.00049	322.02	.00057	.73021	.36563	.00038	.04842
#2	.00212	.00030	322.61	.00050	.75647	.40117	-.00005	.04504

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59337	.17423	.00138	.00006	.01752	.0291	.00655	5.5089
Stddev	.00471	.00087	.00093	.00001	.00035	.0007	.00006	.0309
%RSD	.79449	.49921	67.001	10.308	2.0010	2.414	.94909	.56171

#1	.59003	.17484	.00204	.00005	.01727	.0286	.00660	5.4870
#2	.59670	.17361	.00073	.00006	.01777	.0296	.00651	5.5307

Sample Name: J5719-02 Acquired: 10/31/2018 19:49:27 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.3130
Stddev .3817
%RSD 29.068

#1 1.0432
#2 1.5829

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3157.3	41470.	4074.8	97.333	3385.5
Stddev	6.5	31.	17.7	2.098	6.1
%RSD	.20529	.07529	.43328	2.1552	.17916

#1	3152.7	41447.	4062.3	98.817	3381.2
#2	3161.9	41492.	4087.3	95.850	3389.7

Sample Name: J5199-08 Acquired: 10/31/2018 19:53:37 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-01-103018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	-.00200	.00641	.00292	-.00232	.09941	.08070	.00006
Stddev	.00105	.00019	.00084	.00093	.00283	.00537	.00007	.00000
%RSD	406.62	9.5049	13.079	32.012	121.67	5.3979	.08539	4.5087

#1	-.00048	-.00214	.00701	.00358	-.00032	.09561	.08066	.00006
#2	.00100	-.00187	.00582	.00226	-.00432	.10320	.08075	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	18.423	.00027	.00525	.00597	.03113	.45153	1.1792
Stddev	.00001	.033	.00051	.00023	.00038	.00794	.00043	.0699
%RSD	19.914	.17803	189.17	4.3759	6.3810	25.518	.09602	5.9243

#1	.00006	18.400	-.00009	.00541	.00624	.02551	.45123	1.2286
#2	.00008	18.446	.00064	.00509	.00570	.03675	.45184	1.1298

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00425	.00019	304.40	-.00010	.07218	.77109	-.00020	.01777
Stddev	.00032	.00008	2.10	.00061	.00015	.00554	.00007	.01208
%RSD	7.4598	41.208	.69015	613.22	.20612	.71895	34.491	67.972

#1	.00447	.00025	305.89	-.00053	.07228	.76717	-.00015	.02632
#2	.00402	.00014	302.92	.00033	.07207	.77501	-.00025	.00923

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25406	.80353	.00439	.00365	.01541	.0010	.07580	4.2011
Stddev	.00473	.00334	.00012	.00097	.00086	.0006	.00019	.4936
%RSD	1.8619	.41616	2.7744	26.458	5.5527	67.08	.25631	11.748

#1	.25072	.80590	.00447	.00297	.01480	.0014	.07594	4.5501
#2	.25741	.80117	.00430	.00433	.01601	.0005	.07566	3.8521

Sample Name: J5199-08 Acquired: 10/31/2018 19:53:37 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-01-103018 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.3302
Stddev .3313
%RSD 24.909

#1 1.5645
#2 1.0959

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3530.1	46551.	4584.6	109.61	3799.9
Stddev	12.0	129.	15.9	.08	7.0
%RSD	.33978	.27772	.34752	.06989	.18299

#1	3521.6	46459.	4573.3	109.56	3794.9
#2	3538.5	46642.	4595.9	109.67	3804.8

Sample Name: J5202-08 Acquired: 10/31/2018 19:57:45 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-02-103018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00104	-.00032	.00236	.00192	-.00156	.06492	.15765	.00017
Stddev	.00056	.00047	.00161	.00052	.00214	.02114	.00020	.00002
%RSD	53.741	144.81	68.207	26.972	137.05	32.556	.12623	9.9906

#1	.00143	.00001	.00349	.00155	-.00307	.04998	.15779	.00016
#2	.00064	-.00065	.00122	.00228	-.00005	.07987	.15751	.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00030	37.144	-.00008	.00402	.00555	.00092	.98356	3.8921
Stddev	.00005	.276	.00019	.00018	.00055	.00699	.00087	.0068
%RSD	17.178	.74204	232.01	4.4562	9.9812	756.29	.08892	.17552

#1	.00034	36.949	.00005	.00414	.00594	-.00402	.98294	3.8873
#2	.00026	37.339	-.00021	.00389	.00516	.00587	.98418	3.8970

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00189	.00079	291.28	.00040	.06147	1.0735	-.00031	.02978
Stddev	.00005	.00016	2.02	.00018	.00060	.0339	.00022	.00457
%RSD	2.6691	20.382	.69230	44.845	.97323	3.1616	72.117	15.346

#1	.00193	.00090	292.71	.00052	.06189	1.0495	-.00047	.03301
#2	.00185	.00067	289.86	.00027	.06105	1.0975	-.00015	.02655

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0887	1.6830	.00065	.00093	.00721	.0008	.23569	5.0841
Stddev	.0028	.0120	.00041	.00147	.00438	.0021	.00123	.3143
%RSD	.25387	.71174	63.454	157.87	60.823	279.1	.52307	6.1825

#1	1.0907	1.6745	.00094	-.00011	.00411	-.0007	.23656	4.8618
#2	1.0868	1.6914	.00036	.00197	.01031	.0023	.23481	5.3063

Sample Name: J5202-08 Acquired: 10/31/2018 19:57:45 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-02-103018 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.6433
Stddev .2751
%RSD 10.406

#1 2.4488
#2 2.8378

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3420.4	45299.	4449.1	106.56	3670.7
Stddev	3.2	103.	37.1	1.22	2.1
%RSD	.09461	.22812	.83366	1.1427	.05800

#1	3418.2	45226.	4475.3	105.70	3669.2
#2	3422.7	45372.	4422.8	107.42	3672.2

Sample Name: J5202-08DUP Acquired: 10/31/2018 20:01:54 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-02-103018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00335	-.00325	.00301	.00050	-.00261	.08361	.17505	.00012
Stddev	.00277	.00160	.00081	.00079	.00009	.00746	.00036	.00000
%RSD	82.684	49.166	26.985	157.14	3.4450	8.9285	.20705	.73912

#1	.00531	-.00212	.00359	-.00006	-.00268	.08889	.17530	.00012
#2	.00139	-.00437	.00244	.00106	-.00255	.07833	.17479	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	40.243	-.00026	.00425	.00636	.01672	1.0767	4.2013
Stddev	.00010	.027	.00028	.00008	.00017	.00076	.0067	.0044
%RSD	48.147	.06790	110.17	1.9754	2.6076	4.5294	.62207	.10485

#1	.00029	40.224	-.00006	.00431	.00624	.01618	1.0814	4.2044
#2	.00014	40.262	-.00046	.00419	.00648	.01725	1.0719	4.1982

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00190	.00068	313.76	-.00011	.06323	1.2684	-.00012	.04317
Stddev	.00042	.00068	.13	.00031	.00105	.0034	.00020	.00274
%RSD	21.959	99.066	.04107	272.50	1.6579	.26470	160.50	6.3503

#1	.00219	.00020	313.67	.00010	.06249	1.2708	-.00027	.04123
#2	.00160	.00116	313.86	-.00033	.06397	1.2660	.00002	.04511

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1581	1.7802	.00246	-.00050	.01886	-.0007	.25927	6.5199
Stddev	.0069	.0102	.00122	.00089	.00044	.0003	.00106	.1496
%RSD	.59851	.57084	49.775	178.41	2.3232	37.84	.40761	2.2939

#1	1.1630	1.7874	.00333	.00013	.01917	-.0009	.25853	6.4142
#2	1.1532	1.7730	.00159	-.00112	.01855	-.0005	.26002	6.6257

Sample Name: J5202-08DUP Acquired: 10/31/2018 20:01:54 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-02-103018 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.3298
 Stddev .2118
 %RSD 15.925

#1 1.1801
 #2 1.4796

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3168.1	41473.	4148.3	97.178	3369.9
Stddev	14.5	276.	16.9	1.359	11.8
%RSD	.45896	.66628	.40654	1.3986	.34979

#1	3157.8	41278.	4136.3	98.139	3361.6
#2	3178.3	41668.	4160.2	96.217	3378.2

Sample Name: J5202-08LX5 Acquired: 10/31/2018 20:06:02 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00437	.00602	.00304	.00520	.00111	.02231	.03470	.00055	.00061
Stddev	.00347	.00127	.00091	.00031	.00130	.00516	.00029	.00004	.00010
%RSD	79.394	21.166	29.928	5.9070	116.82	23.126	.84317	6.5049	16.623

#1	.00192	.00512	.00239	.00498	.00202	.01866	.03450	.00052	.00054
#2	.00683	.00692	.00368	.00542	.00019	.02596	.03491	.00057	.00068

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.7551	.00092	.00150	.00229	.00934	.20398	1.1096	.00170	.00037
Stddev	.0137	.00033	.00027	.00048	.00109	.00117	.0121	.00018	.00024
%RSD	.17619	36.353	17.743	20.734	11.680	.57535	1.0859	10.547	65.138

#1	7.7454	.00115	.00131	.00196	.00857	.20315	1.1011	.00157	.00020
#2	7.7648	.00068	.00169	.00263	.01011	.20481	1.1181	.00183	.00054

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	63.132	.00037	.01234	.22673	.00100	.01207	.48248	.37222	.00234
Stddev	.139	.00005	.00025	.01977	.00012	.01177	.03592	.00232	.00050
%RSD	.21986	14.258	2.0385	8.7219	12.240	97.457	7.4448	.62306	21.203

#1	63.034	.00041	.01216	.21274	.00108	.02039	.45708	.37386	.00199
#2	63.230	.00033	.01252	.24071	.00091	.00375	.50788	.37058	.00269

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00113	.01095	.0135	.05084	3.7344	.99609
Stddev	.00072	.00083	.0017	.00022	.2346	.71219
%RSD	63.620	7.5787	12.63	.43280	6.2814	71.499

#1	.00164	.01154	.0123	.05099	3.5686	1.4997
#2	.00062	.01036	.0147	.05068	3.9003	.49249

Sample Name: J5202-08LX5 Acquired: 10/31/2018 20:06:02 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI 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	3523.8	46593.	4394.5	108.05	3888.1
Stddev	6.4	268.	11.8	1.11	9.4
%RSD	.18033	.57554	.26865	1.0313	.24148
#1	3519.3	46783.	4402.8	108.84	3881.5
#2	3528.3	46403.	4386.1	107.26	3894.8

Sample Name: J5202-08MS Acquired: 10/31/2018 20:10:06 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-02-103018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98948	2.2079	1.1788	2.4086	.98716	2.3586	.42085	.24076	.23198
Stddev	.00532	.0030	.0019	.0004	.00242	.0181	.00008	.00007	.00068
%RSD	.53779	.13727	.15867	.01447	.24547	.76609	.01859	.02862	.29506

#1	.98571	2.2057	1.1775	2.4084	.98544	2.3458	.42090	.24071	.23149
#2	.99324	2.2100	1.1801	2.4089	.98887	2.3714	.42079	.24081	.23246

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.107	.45387	.24280	.36482	3.5415	1.2785	6.5504	.57501	.08131
Stddev	.232	.00221	.00027	.00300	.0280	.0005	.0132	.00017	.00072
%RSD	.56545	.48702	.11175	.82136	.79021	.03834	.20101	.02964	.88862

#1	40.943	.45231	.24261	.36270	3.5613	1.2782	6.5411	.57489	.08080
#2	41.272	.45543	.24300	.36694	3.5217	1.2789	6.5597	.57513	.08182

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	316.49	.34388	.32832	13.956	.51879	.37986	1.1500	2.9924	.82862
Stddev	.46	.00084	.00294	.045	.00294	.01318	.0013	.0175	.00103
%RSD	.14457	.24298	.89565	.31897	.56698	3.4688	.11584	.58617	.12409

#1	316.82	.34447	.33040	13.925	.51671	.37054	1.1490	3.0048	.82790
#2	316.17	.34329	.32624	13.988	.52087	.38918	1.1509	2.9800	.82935

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24498	.26184	6.998	.48249	5.9073	.58236
Stddev	.00257	.00218	.004	.00201	.2075	.69896
%RSD	1.0499	.83198	.0612	.41721	3.5125	120.02

#1	.24680	.26338	6.995	.48391	6.0540	1.0766
#2	.24317	.26029	7.001	.48106	5.7606	.08812

Sample Name: J5202-08MS Acquired: 10/31/2018 20:10:06 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-02-103018 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	3219.6	42533.	4131.4	97.500	3422.2
Stddev	.8	128.	13.2	1.419	12.1
%RSD	.02523	.30044	.32029	1.4554	.35411
#1	3219.0	42443.	4122.1	96.497	3413.6
#2	3220.1	42623.	4140.8	98.504	3430.8

Sample Name: J5202-08MSD Acquired: 10/31/2018 20:14:02 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-02-103018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99023	2.2308	1.1850	2.4228	.99698	2.4038	.42437	.24151	.23361
Stddev	.00409	.0004	.0012	.0061	.00360	.0158	.00192	.00067	.00026
%RSD	.41291	.02010	.09883	.25015	.36092	.65868	.45243	.27733	.11268

#1	.99312	2.2311	1.1858	2.4271	.99443	2.4150	.42301	.24104	.23342
#2	.98734	2.2305	1.1842	2.4185	.99952	2.3926	.42573	.24198	.23379

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.321	.45597	.24425	.36631	3.5452	1.2832	6.6216	.57810	.08178
Stddev	.441	.00120	.00001	.00076	.0771	.0017	.0116	.00001	.00074
%RSD	1.0663	.26242	.00578	.20715	2.1761	.13040	.17437	.00213	.90649

#1	41.009	.45513	.24424	.36684	3.5997	1.2820	6.6134	.57810	.08125
#2	41.632	.45682	.24426	.36577	3.4906	1.2844	6.6298	.57811	.08230

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	317.28	.34433	.32649	13.971	.52254	.39432	1.1606	3.0035	.83479
Stddev	1.77	.00093	.00639	.096	.00126	.00243	.0001	.0188	.00366
%RSD	.55715	.26886	1.9584	.68972	.24059	.61684	.00448	.62711	.43882

#1	316.03	.34499	.33102	13.903	.52165	.39604	1.1605	2.9901	.83738
#2	318.53	.34368	.32197	14.039	.52343	.39260	1.1606	3.0168	.83220

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24599	.26623	7.059	.48643	6.0205	.92513
Stddev	.00276	.00086	.001	.00125	.0067	.41792
%RSD	1.1240	.32152	.0064	.25661	.11193	45.174

#1	.24403	.26563	7.059	.48555	6.0253	1.2206
#2	.24794	.26684	7.059	.48732	6.0157	.62962

Sample Name: J5202-08MSD Acquired: 10/31/2018 20:14:02 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-02-103018 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	3204.5	42246.	4106.0	98.274	3405.6
Stddev	9.7	93.	21.4	2.208	14.3
%RSD	.30160	.21965	.52043	2.2466	.41892
#1	3197.6	42180.	4121.1	96.713	3395.5
#2	3211.3	42311.	4090.9	99.835	3415.7

Sample Name: J5202-08A Acquired: 10/31/2018 20:17:57 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7632 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97717	2.2094	1.1716	2.3887	.98104	2.3883	.42040	.23979	.23143
Stddev	.00232	.0023	.0015	.0010	.00147	.0027	.00162	.00001	.00051
%RSD	.23760	.10297	.13039	.03979	.14960	.11282	.38630	.00257	.22121

#1	.97881	2.2110	1.1706	2.3880	.98208	2.3902	.41925	.23978	.23179
#2	.97553	2.2078	1.1727	2.3893	.98000	2.3864	.42154	.23979	.23107

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.865	.45270	.24291	.36139	3.5145	1.2764	6.5502	.57434	.08135
Stddev	.266	.00046	.00069	.00072	.0124	.0000	.1086	.00032	.00001
%RSD	.65160	.10083	.28531	.20007	.35390	.00062	1.6583	.05658	.00656

#1	40.677	.45302	.24242	.36190	3.5233	1.2764	6.4734	.57457	.08136
#2	41.053	.45237	.24340	.36088	3.5057	1.2764	6.6271	.57411	.08135

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	314.72	.34505	.32242	13.891	.51585	.37624	1.1429	2.9865	.82632
Stddev	1.11	.00124	.00194	.158	.00128	.01467	.0020	.0398	.00030
%RSD	.35323	.35908	.60031	1.1406	.24793	3.8982	.17529	1.3309	.03588

#1	315.50	.34592	.32379	13.779	.51675	.36587	1.1415	2.9584	.82653
#2	313.93	.34417	.32105	14.003	.51495	.38661	1.1443	3.0146	.82611

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24528	.26630	6.972	.48461	6.0273	1.3481
Stddev	.00057	.00551	.010	.00577	.0348	.1239
%RSD	.23424	2.0701	.1464	1.1910	.57749	9.1876

#1	.24488	.26240	6.980	.48053	6.0027	1.2605
#2	.24569	.27020	6.965	.48869	6.0519	1.4357

Sample Name: J5202-08A Acquired: 10/31/2018 20:17:57 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7632 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	3237.0	42511.	4139.0	99.036	3426.4
Stddev	10.9	50.	36.1	.930	10.4
%RSD	.33594	.11723	.87308	.93877	.30331
#1	3229.3	42476.	4164.6	98.379	3419.0
#2	3244.7	42546.	4113.5	99.694	3433.7

Sample Name: J5202-10 Acquired: 10/31/2018 20:21:52 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-02-103018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00066	-.00219	.00385	.00337	-.00071	.10318	.18331	.00017
Stddev	.00065	.00037	.00022	.00150	.00010	.00491	.00054	.00001
%RSD	98.724	16.693	5.7752	44.490	14.665	4.7571	.29258	4.4716

#1	.00020	-.00245	.00400	.00444	-.00064	.10666	.18369	.00016
#2	.00112	-.00193	.00369	.00231	-.00078	.09971	.18293	.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00046	30.831	-.00014	.00715	.00662	.00020	1.0159	7.2659
Stddev	.00017	.042	.00073	.00007	.00012	.01348	.0029	.0236
%RSD	37.840	.13612	504.21	.97147	1.8099	6742.4	.28010	.32514

#1	.00033	30.860	.00037	.00720	.00653	.00973	1.0179	7.2826
#2	.00058	30.801	-.00066	.00710	.00670	-.00933	1.0139	7.2492

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00184	.00088	364.52	.00002	.22340	.72113	-.00004	.03474
Stddev	.00076	.00041	9.59	.00023	.00486	.00657	.00005	.00422
%RSD	41.085	46.724	2.6316	1111.5	2.1756	.91120	137.98	12.141

#1	.00237	.00059	371.31	-.00014	.22683	.71648	-.00000	.03176
#2	.00130	.00117	357.74	.00018	.21996	.72577	-.00007	.03773

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.90073	1.3807	.00196	.00108	.01829	-.0021	.15683	6.4708
Stddev	.00344	.0080	.00025	.00001	.00057	.0004	.00033	.0496
%RSD	.38180	.57771	12.961	1.3858	3.0976	18.58	.21328	.76624

#1	.89830	1.3864	.00214	.00109	.01789	-.0024	.15707	6.5059
#2	.90316	1.3751	.00178	.00106	.01869	-.0018	.15660	6.4358

Sample Name: J5202-10 Acquired: 10/31/2018 20:21:52 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-02-103018 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.0216
 Stddev .1545
 %RSD 7.6399

#1 1.9124
 #2 2.1309

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3170.6	41363.	4147.6	96.621	3345.0
Stddev	13.6	187.	48.4	2.328	10.1
%RSD	.42996	.45176	1.1665	2.4090	.30082

#1	3161.0	41231.	4113.4	94.975	3337.9
#2	3180.3	41496.	4181.8	98.267	3352.1

Sample Name: CCV10 Acquired: 10/31/2018 20:26:00 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14098 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1950	4.9405	5.1179	5.0894	5.2768	9.6443	10.248	.25538
Stddev	.0073	.0009	.0043	.0008	.0048	.0454	.020	.00010
%RSD	.14078	.01805	.08403	.01523	.09025	.47067	.19209	.03800
#1	5.1898	4.9399	5.1148	5.0889	5.2802	9.6123	10.262	.25531
#2	5.2001	4.9411	5.1209	5.0900	5.2734	9.6764	10.234	.25545
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4697	26.219	F 1.1336	2.5140	1.2826	4.8986	2.5686	25.358
Stddev	.0005	.119	.0002	.0014	.0018	.0094	.0023	.038
%RSD	.01898	.45490	.01957	.05445	.14342	.19225	.09124	.14966
#1	2.4694	26.134	1.1334	2.5130	1.2839	4.8919	2.5703	25.384
#2	2.4700	26.303	1.1337	2.5150	1.2813	4.9052	2.5669	25.331
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4293	1.2181	24.202	2.6414	F 2.8086	26.332	5.3131	4.9225
Stddev	.0039	.0046	.090	.0043	.0016	.022	.0001	.0085
%RSD	.15869	.37615	.37226	.16297	.05551	.08371	.00136	.17308
#1	2.4265	1.2149	24.266	2.6445	2.8075	26.348	5.3130	4.9165
#2	2.4320	1.2214	24.139	2.6384	2.8097	26.317	5.3131	4.9285
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7521	F 5.5550	4.9750	4.9999	5.2368	4.872	4.9493	4.5905
Stddev	.0226	.0412	.0079	.0015	.0023	.004	.0069	.0113
%RSD	.47466	.74193	.15814	.03102	.04415	.0737	.14047	.24526
#1	4.7681	5.5841	4.9694	5.0010	5.2385	4.869	4.9542	4.5985
#2	4.7362	5.5258	4.9806	4.9988	5.2352	4.874	4.9444	4.5826

Sample Name: CCV10 Acquired: 10/31/2018 20:26:00 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14098 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.5677
 Stddev .0210
 %RSD .81684

#1 2.5825
 #2 2.5529

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3531.1	46337.	4421.9	104.85	3769.0
Stddev	6.2	172.	18.0	.14	10.1
%RSD	.17619	.37110	.40668	.12903	.26817

#1	3526.7	46216.	4409.2	104.75	3761.8
#2	3535.5	46459.	4434.6	104.94	3776.1

Sample Name: CCB10 Acquired: 10/31/2018 20:29:44 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14098 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00444	.00089	-.00017	.00137	-.00006	-.01163	.00246	.00008
Stddev	.00067	.00141	.00077	.00105	.00031	.01249	.00020	.00007
%RSD	15.100	159.31	452.76	76.405	525.55	107.39	8.0140	86.056
#1	.00397	.00188	-.00072	.00211	.00016	-.00280	.00232	.00013
#2	.00492	-.00011	.00037	.00063	-.00028	-.02046	.00260	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00733	.00012	.00048	-.00001	-.00109	-.00003	-.03365
Stddev	.00004	.02295	.00024	.00014	.00022	.00408	.00003	.01251
%RSD	91.708	312.97	192.81	29.841	3363.5	373.84	114.70	37.164
#1	.00001	.02356	-.00004	.00038	-.00016	.00179	-.00005	-.04250
#2	.00006	-.00889	.00029	.00059	.00015	-.00398	-.00001	-.02481
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	.00035	.04442	-.00013	.00014	-.17070	.00051	.00144
Stddev	.00042	.00005	.00024	.00036	.00003	.00400	.00036	.00002
%RSD	338.70	13.642	.54808	275.31	23.635	2.3425	69.716	1.0453
#1	.00017	.00032	.04459	.00012	.00017	-.16787	.00077	.00143
#2	-.00042	.00038	.04425	-.00039	.00012	-.17352	.00026	.00145
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00226	.01157	-.00039	-.00007	F .00883	-.0030	-.00004	F 2.4387
Stddev	.00094	.00597	.00011	.00238	.00073	.0009	.00006	.0956
%RSD	41.492	51.586	28.182	3446.4	8.2462	30.93	136.50	3.9216
#1	-.00160	.01579	-.00032	.00161	.00935	-.0037	-.00000	2.5063
#2	-.00292	.00735	-.00047	-.00175	.00832	-.0024	-.00009	2.3711

Sample Name: CCB10 Acquired: 10/31/2018 20:29:44 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14098 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .26806
Stddev	.32772
%RSD	122.26

#1	.49979
#2	.03632

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3652.3	48238.	4440.9	108.61	4222.5
Stddev	5.3	178.	45.3	2.26	6.9
%RSD	.14383	.36835	1.0193	2.0834	.16423

#1	3648.5	48113.	4408.9	107.01	4217.6
#2	3656.0	48364.	4472.9	110.21	4227.4

Sample Name: J5202-12 Acquired: 10/31/2018 20:33:49 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-02-103018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00250	-.00061	.00236	.00315	-.00314	.08666	.11759	.00001
Stddev	.00118	.00010	.00089	.00136	.00205	.00428	.00009	.00004
%RSD	47.085	17.211	37.538	43.335	65.408	4.9434	.07837	724.25

#1	.00334	-.00068	.00299	.00411	-.00169	.08969	.11752	.00004
#2	.00167	-.00053	.00174	.00218	-.00459	.08363	.11765	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	20.743	.00011	.00573	.00568	.00647	.80527	2.7432
Stddev	.00000	.098	.00019	.00002	.00050	.00863	.00127	.0025
%RSD	.63045	.47344	169.78	.40149	8.7319	133.31	.15767	.09275

#1	.00015	20.812	-.00002	.00571	.00533	.01257	.80437	2.7414
#2	.00015	20.673	.00025	.00574	.00603	.00037	.80617	2.7450

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00143	.00025	317.78	-.00013	.05766	.46818	.00008	.01544
Stddev	.00036	.00095	1.72	.00006	.00107	.02812	.00021	.00271
%RSD	25.276	381.05	.54220	46.782	1.8508	6.0066	248.08	17.572

#1	.00169	-.00042	316.56	-.00018	.05690	.48806	.00023	.01736
#2	.00118	.00093	319.00	-.00009	.05841	.44829	-.00006	.01352

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57580	.84743	.00184	.00046	.01419	-.0020	.08976	5.6222
Stddev	.00933	.00131	.00119	.00200	.00155	.0017	.00115	.3184
%RSD	1.6203	.15415	64.493	439.15	10.900	85.57	1.2767	5.6636

#1	.58240	.84835	.00100	.00187	.01310	-.0032	.09057	5.3970
#2	.56920	.84651	.00268	-.00096	.01529	-.0008	.08895	5.8474

Sample Name: J5202-12 Acquired: 10/31/2018 20:33:49 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-02-103018 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.4736
 Stddev .2418
 %RSD 16.409

#1 1.3026
 #2 1.6445

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3217.6	41911.	4143.7	97.813	3410.4
Stddev	19.7	95.	15.4	1.173	19.6
%RSD	.61211	.22614	.37224	1.1988	.57371

#1	3203.7	41844.	4132.8	98.642	3396.6
#2	3231.5	41978.	4154.6	96.983	3424.3

Sample Name: J5202-14 Acquired: 10/31/2018 20:37:58 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-03-103018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00150	-.00257	.00305	.00315	-.00214	.09540	.08606	.00009
Stddev	.00161	.00052	.00100	.00253	.00074	.00655	.00047	.00001
%RSD	107.21	20.164	32.782	80.357	34.623	6.8617	.54657	6.5446

#1	.00036	-.00294	.00376	.00495	-.00162	.10002	.08572	.00009
#2	.00264	-.00221	.00234	.00136	-.00267	.09077	.08639	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	8.8265	.00068	.00055	.00429	.02398	.07084	1.1025
Stddev	.00001	.1093	.00010	.00012	.00064	.00441	.00061	.0267
%RSD	22.577	1.2386	15.308	22.160	14.824	18.392	.86753	2.4220

#1	-.00004	8.7492	.00060	.00047	.00384	.02710	.07128	1.0836
#2	-.00005	8.9038	.00075	.00064	.00474	.02086	.07041	1.1214

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00103	-.00014	352.12	-.00007	.01747	.53122	-.00012	.02239
Stddev	.00047	.00008	2.92	.00034	.00025	.02489	.00025	.00143
%RSD	45.381	58.661	.82890	481.61	1.4501	4.6850	212.15	6.4044

#1	.00070	-.00020	350.05	-.00031	.01730	.54882	.00006	.02138
#2	.00136	-.00008	354.18	.00017	.01765	.51362	-.00030	.02341

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28942	.44319	.00173	.00083	.01662	-.0009	.04167	5.0700
Stddev	.00201	.00160	.00070	.00119	.00163	.0007	.00011	.0795
%RSD	.69506	.36176	40.516	144.12	9.8224	72.85	.27506	1.5675

#1	.29084	.44432	.00223	-.00002	.01546	-.0014	.04176	5.1262
#2	.28800	.44206	.00124	.00167	.01777	-.0004	.04159	5.0138

Sample Name: J5202-14 Acquired: 10/31/2018 20:37:58 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-03-103018 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.4408
Stddev	.3415
%RSD	23.703

#1	1.1993
#2	1.6823

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3225.6	41835.	4128.4	97.717	3411.6
Stddev	14.8	89.	20.9	.919	13.0
%RSD	.45783	.21190	.50566	.94072	.38005

#1	3215.1	41772.	4143.2	98.367	3402.4
#2	3236.0	41898.	4113.6	97.067	3420.8

Sample Name: J5202-16 Acquired: 10/31/2018 20:42:08 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-03-103018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00288	-.00235	.00118	.00067	-.00168	.07628	.07273	.00009
Stddev	.00106	.00203	.00133	.00033	.00124	.00454	.00032	.00007
%RSD	36.770	86.120	112.06	48.269	73.582	5.9545	.44315	73.425

#1	.00213	-.00378	.00025	.00044	-.00256	.07307	.07250	.00014
#2	.00362	-.00092	.00212	.00091	-.00081	.07949	.07296	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	7.0736	.00056	.00048	.00358	.01411	.06647	1.0460
Stddev	.00005	.0501	.00032	.00000	.00016	.00573	.00005	.0123
%RSD	396.63	.70802	58.277	1.0302	4.5474	40.621	.07375	1.1753

#1	.00002	7.0381	.00033	.00048	.00370	.01817	.06644	1.0547
#2	-.00005	7.1090	.00079	.00049	.00347	.01006	.06650	1.0373

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00143	.00006	286.29	-.00069	.01968	.44847	-.00004	.01603
Stddev	.00009	.00032	.50	.00034	.00026	.00156	.00013	.00012
%RSD	6.0463	510.14	.17575	48.989	1.3095	.34853	358.59	.75426

#1	.00149	.00029	286.65	-.00045	.01949	.44736	.00005	.01612
#2	.00137	-.00016	285.94	-.00093	.01986	.44957	-.00012	.01595

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25410	.40558	.00130	.00228	.01458	.0004	.03437	4.3741
Stddev	.00161	.00195	.00126	.00362	.00080	.0001	.00002	.4713
%RSD	.63283	.48103	96.524	159.18	5.5196	12.92	.06895	10.776

#1	.25524	.40420	.00041	.00484	.01515	.0004	.03435	4.0409
#2	.25296	.40696	.00219	-.00029	.01401	.0005	.03439	4.7074

Sample Name: J5202-16 Acquired: 10/31/2018 20:42:08 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-03-103018 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.5122
 Stddev .0902
 %RSD 5.9684

#1 1.5760
 #2 1.4484

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3481.1	45384.	4447.7	106.95	3733.8
Stddev	14.9	11.	17.5	.96	25.1
%RSD	.42792	.02347	.39239	.89804	.67330

#1	3470.6	45376.	4435.4	107.63	3716.0
#2	3491.6	45391.	4460.1	106.28	3751.6

Sample Name: J5205-08 Acquired: 10/31/2018 20:46:17 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-04-103018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00237	-.00259	.00622	.00200	-.00020	.12189	.15168	.00017
Stddev	.00178	.00078	.00099	.00064	.00157	.00280	.00099	.00001
%RSD	75.009	30.042	15.913	31.765	780.78	2.2954	.65105	6.5031

#1	.00362	-.00204	.00692	.00155	.00091	.12386	.15099	.00018
#2	.00111	-.00314	.00552	.00245	-.00131	.11991	.15238	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	10.472	.00003	.00522	.00486	.04487	.34867	.91511
Stddev	.00000	.000	.00025	.00016	.00094	.01526	.00021	.01884
%RSD	3.6469	.00070	945.45	3.0652	19.427	34.012	.05992	2.0589

#1	.00013	10.472	.00020	.00534	.00553	.03408	.34852	.90179
#2	.00012	10.472	-.00015	.00511	.00419	.05566	.34882	.92844

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00064	.00016	313.34	.00000	.04464	.86615	-.00018	.01700
Stddev	.00015	.00003	3.95	.00037	.00028	.01443	.00008	.00751
%RSD	22.850	20.946	1.2596	91969.	.62584	1.6661	44.013	44.138

#1	.00075	.00013	310.55	-.00026	.04445	.87636	-.00023	.02231
#2	.00054	.00018	316.13	.00026	.04484	.85595	-.00012	.01170

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.91820	.65871	.00133	.00237	.01259	.0003	.05948	5.2588
Stddev	.00847	.00906	.00046	.00267	.00281	.0025	.00023	.1259
%RSD	.92300	1.3755	34.892	112.48	22.352	723.0	.39305	2.3940

#1	.92419	.66511	.00166	.00426	.01060	.0021	.05965	5.3478
#2	.91221	.65230	.00100	.00049	.01458	-.0014	.05932	5.1698

Sample Name: J5205-08 Acquired: 10/31/2018 20:46:17 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-04-103018 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.5535
Stddev	.3880
%RSD	24.975

#1	1.2791
#2	1.8278

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3244.1	42165.	4120.2	97.192	3460.2
Stddev	12.4	38.	1.6	.212	11.4
%RSD	.38329	.09128	.03861	.21826	.32930

#1	3252.8	42192.	4121.3	97.042	3452.2
#2	3235.3	42138.	4119.1	97.342	3468.3

Sample Name: J5205-10 Acquired: 10/31/2018 20:50:27 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-04-103018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00074	-.00090	.00603	.00087	-.00158	.10841	.14913	.00009
Stddev	.00315	.00121	.00031	.00048	.00017	.00882	.00061	.00007
%RSD	424.60	133.37	5.0923	55.327	10.598	8.1324	.40830	75.493

#1	.00297	-.00176	.00625	.00053	-.00170	.10217	.14869	.00013
#2	-.00149	-.00005	.00581	.00121	-.00146	.11464	.14956	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	13.331	.00024	.00393	.00694	.01852	.38056	.94384
Stddev	.00007	.060	.00005	.00017	.00081	.00068	.00015	.03259
%RSD	34.497	.44768	22.649	4.2913	11.702	3.6763	.03818	3.4526

#1	.00016	13.288	.00028	.00381	.00752	.01804	.38066	.96689
#2	.00026	13.373	.00020	.00405	.00637	.01900	.38045	.92080

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00153	.00074	346.77	-.00027	.06384	1.0512	-.00022	.01156
Stddev	.00018	.00012	2.73	.00019	.00088	.0033	.00020	.00213
%RSD	11.772	15.960	.78800	71.202	1.3787	.31764	92.783	18.444

#1	.00141	.00083	348.70	-.00013	.06446	1.0535	-.00036	.01005
#2	.00166	.00066	344.84	-.00040	.06321	1.0488	-.00008	.01307

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.96979	.65852	.00176	-.00067	.01621	.0020	.07739	5.1454
Stddev	.00629	.00083	.00064	.00380	.00082	.0008	.00015	.2668
%RSD	.64869	.12613	36.277	564.14	5.0432	39.97	.19443	5.1852

#1	.97424	.65911	.00131	-.00336	.01679	.0025	.07749	4.9567
#2	.96534	.65793	.00221	.00201	.01563	.0014	.07728	5.3340

Sample Name: J5205-10 Acquired: 10/31/2018 20:50:27 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-04-103018 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.0319
 Stddev .5879
 %RSD 28.935

#1 2.4476
 #2 1.6162

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3466.8	42776.	4199.5	99.338	3703.7
Stddev	5.6	148.	7.8	1.892	4.9
%RSD	.16032	.34527	.18667	1.9041	.13152

#1	3470.8	42671.	4193.9	98.000	3700.3
#2	3462.9	42880.	4205.0	100.68	3707.2

Sample Name: J5377-03 Acquired: 10/31/2018 20:54:35 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR-200036 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00239	-.00313	.00219	.00076	.00012	.21613	.55933	.00075
Stddev	.00135	.00066	.00004	.00117	.00012	.00401	.00173	.00003
%RSD	56.604	21.201	1.9022	153.22	93.578	1.8539	.30907	4.0703

#1	.00335	-.00360	.00216	-.00006	.00021	.21896	.55811	.00073
#2	.00143	-.00266	.00222	.00159	.00004	.21330	.56055	.00077

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	8.0802	-.00082	.03239	.00868	2.8796	2.3575	5.4386
Stddev	.00004	.0131	.00024	.00018	.00016	.0275	.0046	.0894
%RSD	33.266	.16170	29.398	.54135	1.8428	.95424	.19393	1.6446

#1	.00014	8.0709	-.00065	.03227	.00879	2.8602	2.3543	5.3753
#2	.00009	8.0894	-.00099	.03252	.00856	2.8991	2.3608	5.5018

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00230	.00042	368.87	.00046	.03568	.82381	-.00018	.01862
Stddev	.00003	.00046	1.16	.00027	.00062	.02744	.00022	.00503
%RSD	1.1609	109.95	.31500	59.161	1.7428	3.3309	121.86	26.998

#1	.00232	.00009	369.69	.00065	.03524	.80441	-.00003	.01506
#2	.00228	.00075	368.05	.00027	.03612	.84322	-.00034	.02217

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13957	.86599	.00241	.00499	.02100	.0011	.10523	5.5163
Stddev	.00175	.00168	.00077	.00156	.00085	.0009	.00002	.0693
%RSD	1.2556	.19400	31.823	31.243	4.0640	80.27	.01888	1.2560

#1	.14081	.86481	.00295	.00389	.02039	.0005	.10522	5.5653
#2	.13834	.86718	.00186	.00609	.02160	.0017	.10525	5.4673

Sample Name: J5377-03 Acquired: 10/31/2018 20:54:35 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR-200036 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.6445
Stddev	.4621
%RSD	28.097

#1	1.9713
#2	1.3178

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3220.1	41658.	4125.6	98.650	3389.4
Stddev	26.3	161.	25.3	.813	7.5
%RSD	.81717	.38583	.61335	.82430	.22267

#1	3201.5	41544.	4143.5	99.225	3384.1
#2	3238.7	41771.	4107.8	98.075	3394.7

Sample Name: J5728-02 Acquired: 10/31/2018 20:58:44 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EG-DRUM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00450	-.00518	.00334	.00346	-.00280	.02919	.34526	.00005
Stddev	.00113	.00012	.00105	.00103	.00154	.00987	.00250	.00004
%RSD	25.220	2.2444	31.373	29.750	54.936	33.821	.72404	72.691

#1	.00369	-.00527	.00260	.00419	-.00171	.02221	.34703	.00008
#2	.00530	-.00510	.00408	.00273	-.00389	.03617	.34349	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	93.353	-.00095	.00473	.00252	2.1117	2.5430	9.4788
Stddev	.00011	1.076	.00035	.00003	.00025	.0202	.0047	.0458
%RSD	285.27	1.1524	36.872	.60965	10.102	.95597	.18456	.48289

#1	-.00012	94.114	-.00070	.00471	.00270	2.0974	2.5397	9.4464
#2	.00004	92.593	-.00119	.00475	.00234	2.1260	2.5464	9.5112

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01534	.00007	342.61	-.00015	.03728	2.2309	-.00016	.00980
Stddev	.00010	.00038	2.64	.00006	.00001	.0184	.00012	.00423
%RSD	.61947	579.63	.76942	42.595	.02748	.82263	76.669	43.167

#1	.01541	.00033	344.47	-.00020	.03728	2.2180	-.00007	.01280
#2	.01528	-.00020	340.74	-.00011	.03727	2.2439	-.00025	.00681

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07768	.75062	.00268	-.00074	.01859	-.0006	.48795	7.0310
Stddev	.00199	.01324	.00172	.00118	.00163	.0011	.00591	.3013
%RSD	2.5572	1.7636	64.110	159.87	8.7845	192.2	1.2116	4.2852

#1	.07627	.75998	.00390	-.00157	.01974	.0002	.49213	7.2440
#2	.07908	.74126	.00147	.00010	.01743	-.0013	.48377	6.8179

Sample Name: J5728-02 Acquired: 10/31/2018 20:58:44 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EG-DRUM Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.0285
 Stddev .4367
 %RSD 21.528

#1 1.7197
 #2 2.3373

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3187.1	41293.	4095.8	95.778	3339.2
Stddev	22.4	76.	57.9	1.011	14.1
%RSD	.70227	.18518	1.4136	1.0557	.42254

#1	3171.3	41238.	4054.9	95.064	3329.3
#2	3203.0	41347.	4136.8	96.493	3349.2

Sample Name: J5733-08 Acquired: 10/31/2018 21:02:54 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 002-B-BATHRO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00150	-.00196	.00220	.00233	-.00274	.28336	.10511	-.00001
Stddev	.00158	.00045	.00027	.00071	.00019	.00183	.00085	.00002
%RSD	105.02	23.024	12.378	30.404	7.0834	.64607	.80412	183.73

#1	.00262	-.00228	.00201	.00283	-.00288	.28206	.10570	-.00002
#2	.00039	-.00164	.00240	.00183	-.00261	.28465	.10451	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	30.174	.00149	.00084	.00123	.03829	.00660	.73540
Stddev	.00004	.084	.00007	.00032	.00032	.00103	.00004	.01436
%RSD	64.855	.27797	4.5875	38.147	26.056	2.6959	.53747	1.9522

#1	-.00009	30.234	.00145	.00061	.00100	.03756	.00658	.74555
#2	-.00003	30.115	.00154	.00107	.00146	.03902	.00663	.72525

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00886	.00074	278.97	.00720	.11370	.50493	.00104	.04441
Stddev	.00025	.00014	.98	.00030	.00132	.02217	.00042	.00697
%RSD	2.7907	18.239	.35235	4.2326	1.1652	4.3911	40.745	15.685

#1	.00904	.00084	279.66	.00742	.11464	.48925	.00074	.03949
#2	.00869	.00065	278.27	.00699	.11277	.52060	.00134	.04934

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.91684	1.6007	.00265	.00121	.01148	.3604	.04404	6.3007
Stddev	.00377	.0100	.00000	.00133	.00201	.0010	.00021	.6782
%RSD	.41114	.62292	.08307	109.84	17.528	.2829	.48372	10.764

#1	.91417	1.6078	.00265	.00215	.01006	.3597	.04389	6.7802
#2	.91950	1.5937	.00265	.00027	.01291	.3611	.04419	5.8211

Sample Name: J5733-08 Acquired: 10/31/2018 21:02:54 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 002-B-BATHRO Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.9188
Stddev	.3770
%RSD	19.649

#1	2.1854
#2	1.6522

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3235.4	41948.	4095.3	97.579	3446.1
Stddev	16.9	163.	9.7	1.491	9.1
%RSD	.52124	.38918	.23686	1.5278	.26399

#1	3223.5	41833.	4088.4	96.525	3439.6
#2	3247.3	42064.	4102.1	98.633	3452.5

Sample Name: J5733-09 Acquired: 10/31/2018 21:07:03 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 005-B-BATHRO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00430	-.00227	.00476	.00351	-.00068	.06141	.13532	.00002
Stddev	.00274	.00142	.00038	.00399	.00216	.01791	.00088	.00003
%RSD	63.741	62.347	7.9103	113.91	320.12	29.158	.65122	166.88

#1	.00236	-.00328	.00449	.00633	-.00221	.04875	.13594	.00004
#2	.00623	-.00127	.00502	.00068	.00085	.07407	.13470	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	163.11	.00926	.01132	.00749	.00741	.04334	4.5773
Stddev	.00005	.27	.00004	.00031	.00006	.00879	.00011	.0886
%RSD	36.850	.16791	.38389	2.7500	.75934	118.66	.25404	1.9363

#1	-.00011	162.91	.00928	.01154	.00745	.01363	.04342	4.6400
#2	-.00018	163.30	.00923	.01110	.00753	.00119	.04326	4.5147

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01846	.00091	310.72	.00552	.16465	2.0669	.00302	.04273
Stddev	.00025	.00022	.46	.00042	.00047	.0488	.00024	.00153
%RSD	1.3612	24.356	.14762	7.5335	.28598	2.3591	8.0293	3.5729

#1	.01829	.00107	311.04	.00581	.16432	2.1014	.00285	.04165
#2	.01864	.00075	310.39	.00522	.16498	2.0324	.00319	.04381

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0711	6.3892	.00053	-.00305	.02255	.0361	.24489	8.4792
Stddev	.0001	.0428	.00107	.00086	.00001	.0006	.00047	.0695
%RSD	.00140	.66980	202.97	28.368	.06454	1.755	.19257	.81954

#1	5.0711	6.4195	.00128	-.00366	.02256	.0356	.24522	8.4300
#2	5.0710	6.3590	-.00023	-.00244	.02254	.0365	.24456	8.5283

Sample Name: J5733-09 Acquired: 10/31/2018 21:07:03 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 005-B-BATHRO Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.5951
Stddev	.8656
%RSD	33.355

#1	3.2072
#2	1.9830

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3144.3	41065.	4050.4	94.499	3320.9
Stddev	6.5	159.	32.1	.140	4.7
%RSD	.20615	.38793	.79308	.14764	.14005

#1	3148.8	40953.	4027.7	94.598	3317.6
#2	3139.7	41178.	4073.1	94.401	3324.2

Sample Name: J5733-10 Acquired: 10/31/2018 21:11:10 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 2A-BACK-ROOM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00254	-.00276	.00376	.00457	-.00278	.08294	.12973	.00009
Stddev	.00326	.00052	.00190	.00019	.00092	.01595	.00079	.00010
%RSD	127.93	18.874	50.604	4.2139	33.222	19.232	.60821	114.30

#1	.00024	-.00239	.00242	.00444	-.00213	.07166	.12917	.00002
#2	.00485	-.00313	.00511	.00471	-.00343	.09422	.13029	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	161.27	.01801	.00160	.00280	-.02085	.05921	5.0202
Stddev	.00001	.52	.00000	.00012	.00034	.00222	.00050	.0506
%RSD	9.5584	.32275	.01654	7.3779	12.282	10.668	.83877	1.0082

#1	-.00015	160.90	.01801	.00151	.00304	-.02242	.05886	4.9845
#2	-.00013	161.64	.01802	.00168	.00256	-.01927	.05956	5.0560

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01125	.00020	328.66	.00117	.11422	2.8639	.00380	.03013
Stddev	.00035	.00002	.17	.00039	.00324	.0623	.00017	.00152
%RSD	3.1045	11.168	.05182	33.307	2.8364	2.1738	4.5930	5.0363

#1	.01101	.00019	328.54	.00144	.11651	2.8199	.00392	.03120
#2	.01150	.00022	328.78	.00089	.11193	2.9079	.00368	.02905

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7712	7.3973	.00141	-.00071	.03749	-.0037	.23125	8.0977
Stddev	.0024	.0081	.00070	.00039	.00039	.0013	.00066	.0965
%RSD	.05111	.11007	49.647	55.740	1.0394	34.75	.28526	1.1920

#1	4.7729	7.4030	.00191	-.00098	.03777	-.0028	.23078	8.0295
#2	4.7695	7.3915	.00092	-.00043	.03722	-.0046	.23172	8.1660

Sample Name: J5733-10 Acquired: 10/31/2018 21:11:10 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 2A-BACK-ROOM Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.7985
Stddev	.0515
%RSD	1.8395

#1	2.7621
#2	2.8349

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3161.2	40971.	4053.9	94.630	3322.2
Stddev	6.3	74.	23.4	2.815	11.2
%RSD	.19887	.18066	.57788	2.9747	.33663

#1	3156.8	41024.	4037.3	92.640	3314.3
#2	3165.7	40919.	4070.4	96.621	3330.1

Sample Name: CCV11 Acquired: 10/31/2018 21:15:17 Type: Unk
Method: P4-ICP2(v2535) 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	5.1476	4.9677	5.0794	5.0775	5.2257	9.6116	10.291	.25621
Stddev	.0075	.0135	.0083	.0012	.0091	.0012	.025	.00070
%RSD	.14521	.27132	.16341	.02320	.17332	.01235	.24505	.27399

#1	5.1423	4.9582	5.0736	5.0783	5.2321	9.6125	10.309	.25572
#2	5.1529	4.9773	5.0853	5.0767	5.2193	9.6108	10.273	.25671

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4673	26.195	F 1.1478	2.5036	1.2775	4.9355	2.5696	25.336
Stddev	.0021	.158	.0027	.0037	.0009	.0509	.0050	.095
%RSD	.08352	.60363	.23938	.14571	.07370	1.0320	.19304	.37522

#1	2.4659	26.083	1.1459	2.5010	1.2781	4.8995	2.5661	25.269
#2	2.4688	26.307	1.1498	2.5061	1.2768	4.9715	2.5731	25.404

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4395	1.2197	24.566	2.6748	F 2.8092	26.332	5.2523	4.9641
Stddev	.0023	.0000	.076	.0064	.0238	.004	.0060	.0017
%RSD	.09587	.00018	.31028	.23826	.84718	.01630	.11458	.03401

#1	2.4378	1.2197	24.620	2.6703	2.7923	26.329	5.2565	4.9653
#2	2.4411	1.2197	24.512	2.6793	2.8260	26.335	5.2480	4.9629

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7949	F 5.5440	4.9553	5.0287	5.2587	4.887	4.9965	4.5092
Stddev	.0169	.0252	.0031	.0059	.0159	.000	.0144	.1321
%RSD	.35234	.45501	.06188	.11730	.30193	.0066	.28910	2.9301

#1	4.8069	5.5262	4.9531	5.0245	5.2699	4.887	5.0067	4.4158
#2	4.7830	5.5618	4.9574	5.0329	5.2475	4.887	4.9863	4.6026

Sample Name: CCV11 Acquired: 10/31/2018 21:15:17 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8862
Stddev .3819
%RSD 13.231

#1 3.1562
#2 2.6162

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3582.2	46487.	4409.3	104.95	3799.8
Stddev	4.5	75.	10.1	.86	1.4
%RSD	.12490	.16228	.22924	.82136	.03745

#1	3579.0	46540.	4416.5	105.56	3800.8
#2	3585.3	46433.	4402.2	104.34	3798.8

Sample Name: CCB11 Acquired: 10/31/2018 21:19:03 Type: Unk
Method: P4-ICP2(v2535) 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	.00401	.00072	.00009	.00083	-.00037	-.00305	.00244	.00006
Stddev	.00056	.00067	.00066	.00149	.00072	.00620	.00041	.00008
%RSD	13.865	92.577	759.43	178.79	191.31	203.11	16.822	142.76
#1	.00440	.00025	.00055	-.00022	.00013	.00133	.00215	.00012
#2	.00362	.00119	-.00038	.00189	-.00088	-.00744	.00273	-.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00435	.00033	.00015	-.00048	.00090	.00002	-.01874
Stddev	.00002	.00148	.00006	.00004	.00025	.00694	.00003	.00240
%RSD	241.94	34.090	19.071	25.985	52.447	769.32	171.21	12.798
#1	-.00001	.00540	.00037	.00018	-.00030	-.00401	.00003	-.02044
#2	.00003	.00330	.00029	.00012	-.00066	.00581	-.00000	-.01705
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00024	.06587	-.00036	.00008	-.19233	.00048	.00673
Stddev	.00011	.00041	.01377	.00057	.00004	.04046	.00023	.00478
%RSD	406.52	172.78	20.910	157.00	51.408	21.036	47.258	71.039
#1	-.00010	-.00005	.07561	-.00076	.00005	-.16372	.00064	.01012
#2	.00005	.00053	.05613	.00004	.00011	-.22094	.00032	.00335
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00230	.01066	.00031	-.00038	F .00809	-.0048	-.00009	F 2.5796
Stddev	.00236	.00294	.00046	.00010	.00203	.0017	.00019	.0368
%RSD	102.81	27.613	150.27	25.885	25.129	34.54	209.39	1.4276
#1	-.00396	.01275	-.00002	-.00031	.00952	-.0060	-.00023	2.5535
#2	-.00063	.00858	.00064	-.00045	.00665	-.0036	.00004	2.6056

Sample Name: CCB11 Acquired: 10/31/2018 21:19:03 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .86129
Stddev .96817
%RSD 112.41

#1 .17669
#2 1.5459

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3719.8	48418.	4485.7	109.04	4268.9
Stddev	.4	83.	32.2	2.00	7.5
%RSD	.00992	.17218	.71868	1.8320	.17635

#1	3720.1	48359.	4462.9	107.63	4263.6
#2	3719.6	48477.	4508.5	110.45	4274.3

Sample Name: J5733-11 Acquired: 10/31/2018 21:23:08 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 1A-STORAGE-R Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00519	-.00220	.00299	.00307	-.00332	.03050	.10363	.00004
Stddev	.00155	.00073	.00028	.00042	.00081	.00952	.00064	.00001
%RSD	29.808	33.028	9.4650	13.671	24.314	31.221	.62026	36.000

#1	.00629	-.00271	.00319	.00337	-.00275	.03724	.10409	.00003
#2	.00410	-.00169	.00279	.00277	-.00390	.02377	.10318	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	155.18	.03156	.00103	.00091	-.01127	.02663	4.5940
Stddev	.00004	.98	.00042	.00013	.00076	.00745	.00007	.0125
%RSD	19.037	.63101	1.3300	12.952	82.974	66.068	.27756	.27277

#1	-.00026	155.87	.03186	.00094	.00145	-.01654	.02657	4.5852
#2	-.00020	154.49	.03126	.00113	.00038	-.00601	.02668	4.6029

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00995	.00036	300.64	.00348	.04901	4.3125	.00503	.03167
Stddev	.00014	.00060	3.23	.00031	.00140	.0240	.00039	.00343
%RSD	1.4530	164.46	1.0742	9.0015	2.8536	.55628	7.8034	10.842

#1	.01006	-.00006	302.92	.00371	.04802	4.3294	.00530	.02924
#2	.00985	.00079	298.35	.00326	.05000	4.2955	.00475	.03409

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4833	6.6495	.00075	-.00328	.03169	.0003	.22883	7.9649
Stddev	.0162	.0115	.00061	.00032	.00273	.0002	.00056	.1433
%RSD	.29616	.17216	81.227	9.6914	8.6214	92.15	.24683	1.7994

#1	5.4948	6.6575	.00119	-.00305	.02976	.0004	.22843	8.0662
#2	5.4718	6.6414	.00032	-.00350	.03362	.0001	.22922	7.8636

Sample Name: J5733-11 Acquired: 10/31/2018 21:23:08 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 1A-STORAGE-R Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.5988
 Stddev .7082
 %RSD 27.251

#1 2.0980
 #2 3.0995

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3161.9	41332.	4095.5	95.952	3365.2
Stddev	17.5	74.	26.9	2.388	22.8
%RSD	.55263	.17876	.65608	2.4888	.67854

#1	3149.5	41279.	4076.5	97.641	3349.1
#2	3174.2	41384.	4114.5	94.264	3381.4

Sample Name: J5737-02 Acquired: 10/31/2018 21:27:16 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00099	-.00022	.00139	.00286	-.00061	.28833	.07507	.00013
Stddev	.00105	.00202	.00024	.00043	.00067	.00242	.00054	.00017
%RSD	106.46	920.67	17.570	15.053	109.38	.84073	.71335	130.24

#1	.00024	.00121	.00156	.00317	-.00014	.28662	.07545	.00001
#2	.00173	-.00165	.00122	.00256	-.00109	.29005	.07469	.00026

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.41450	.00100	.00040	.00484	.03934	.02508	.07122
Stddev	.00004	.00449	.00048	.00021	.00093	.00359	.00027	.03517
%RSD	146.57	1.0825	48.425	52.764	19.253	9.1176	1.0922	49.382

#1	-.00006	.41767	.00134	.00055	.00418	.04187	.02527	.09608
#2	.00000	.41132	.00066	.00025	.00550	.03680	.02488	.04635

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00153	.00088	341.36	-.00035	.03038	.11432	.00002	.00770
Stddev	.00033	.00022	2.26	.00012	.00016	.02690	.00034	.00683
%RSD	21.772	25.367	.66097	35.396	.51066	23.528	1987.6	88.746

#1	.00176	.00104	339.77	-.00026	.03048	.13334	.00026	.01253
#2	.00129	.00072	342.96	-.00043	.03027	.09530	-.00022	.00287

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34679	.16292	.00090	.00157	.01238	.0025	.00299	4.8452
Stddev	.00245	.00355	.00004	.00022	.00057	.0013	.00023	.5027
%RSD	.70731	2.1806	4.2733	13.834	4.5790	52.18	7.8148	10.375

#1	.34852	.16543	.00092	.00172	.01198	.0035	.00315	4.4897
#2	.34506	.16041	.00087	.00142	.01278	.0016	.00282	5.2007

Sample Name: J5737-02 Acquired: 10/31/2018 21:27:16 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-A Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.9586
Stddev .2706
%RSD 13.815

#1 2.1499
#2 1.7673

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3255.6	42135.	4104.3	96.221	3466.1
Stddev	9.8	50.	23.5	.524	13.7
%RSD	.30007	.11952	.57371	.54504	.39579

#1	3248.7	42171.	4087.7	95.850	3456.4
#2	3262.5	42100.	4121.0	96.592	3475.8

Sample Name: J5737-04 Acquired: 10/31/2018 21:31:27 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00082	-.00188	.00537	.00158	-.00015	.17530	.14164	.00012
Stddev	.00392	.00006	.00097	.00316	.00187	.01458	.00050	.00006
%RSD	479.97	3.2973	18.011	200.01	1224.8	8.3162	.35202	50.990

#1	.00359	-.00184	.00469	.00381	-.00148	.16499	.14199	.00008
#2	-.00195	-.00193	.00606	-.00065	.00117	.18560	.14129	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	2.1719	.00225	-.00009	.00790	.01633	.01281	.42842
Stddev	.00007	.0526	.00007	.00014	.00058	.00197	.00002	.01703
%RSD	115.65	2.4212	3.2978	169.73	7.3250	12.085	.15793	3.9758

#1	-.00001	2.1347	.00220	-.00019	.00831	.01773	.01280	.44047
#2	-.00012	2.2091	.00231	.00002	.00749	.01494	.01283	.41638

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00131	.00026	371.19	.00008	.04134	.12286	-.00005	.01634
Stddev	.00029	.00043	.48	.00039	.00093	.03616	.00006	.00681
%RSD	22.070	166.57	.12816	499.02	2.2533	29.434	133.29	41.639

#1	.00152	-.00005	371.53	-.00020	.04200	.09729	-.00000	.02116
#2	.00111	.00056	370.86	.00035	.04068	.14843	-.00009	.01153

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22554	.16548	.00169	.00057	.01354	.0048	.01526	4.5723
Stddev	.00319	.00037	.00017	.00055	.00048	.0009	.00005	.0314
%RSD	1.4155	.22646	9.9878	97.724	3.5605	19.31	.34615	.68787

#1	.22780	.16521	.00181	.00096	.01388	.0054	.01522	4.5501
#2	.22329	.16574	.00157	.00018	.01320	.0041	.01529	4.5946

Sample Name: J5737-04 Acquired: 10/31/2018 21:31:27 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-B Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.5780
Stddev .3240
%RSD 20.533

#1 1.8071
#2 1.3489

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3278.1	42138.	4114.8	98.033	3461.8
Stddev	2.3	64.	14.3	1.744	6.9
%RSD	.07168	.15144	.34666	1.7792	.19886

#1	3276.4	42093.	4104.7	96.800	3456.9
#2	3279.7	42183.	4124.8	99.267	3466.6

Sample Name: J5706-01DUP Acquired: 10/31/2018 21:35:38 Type: Unk
Method: P4-ICP2(v2535) 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	.00683	-.00018	.00420	-.00067	-.00348	-.00657	.02635	.00013
Stddev	.00122	.00093	.00070	.00242	.00121	.01113	.00008	.00004
%RSD	17.894	522.48	16.652	363.31	34.761	169.53	.29372	33.011

#1	.00770	.00048	.00470	.00105	-.00262	-.01444	.02629	.00015
#2	.00597	-.00083	.00371	-.00238	-.00433	.00131	.02640	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	85.995	-.00088	.00008	.00161	-.01955	.00592	194.74
Stddev	.00005	.944	.00054	.00004	.00077	.00326	.00007	1.40
%RSD	46.702	1.0982	61.377	57.951	47.944	16.660	1.2543	.71694

#1	-.00013	85.327	-.00126	.00011	.00215	-.01725	.00586	193.75
#2	-.00007	86.662	-.00050	.00005	.00106	-.02185	.00597	195.73

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00315	.00006	1277.2	.00116	.00056	65.186	.00116	.66983
Stddev	.00022	.00010	5.3	.00047	.00002	.546	.00009	.01173
%RSD	6.9565	166.12	.41454	40.829	3.3479	.83729	7.9525	1.7508

#1	-.00330	.00013	1273.5	.00149	.00058	64.801	.00123	.66154
#2	-.00299	-.00001	1281.0	.00082	.00055	65.572	.00110	.67812

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 148.38	1.8878	-.05390	-.00181	.03639	.0813	1.2081	6.7765
Stddev	.30	.0135	.00058	.00252	.00281	.0008	.0040	.1384
%RSD	.20498	.71620	1.0786	139.06	7.7134	.9459	.33117	2.0415

#1	148.59	1.8782	-.05349	-.00003	.03441	.0819	1.2053	6.8744
#2	148.16	1.8973	-.05431	-.00360	.03838	.0808	1.2109	6.6787

Sample Name: J5706-01DUP Acquired: 10/31/2018 21:35:38 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.9151
Stddev .2649
%RSD 5.3896

#1 5.1024
#2 4.7278

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3289.8	41545.	4277.8	100.80	3285.0
Stddev	6.2	97.	16.2	.88	.8
%RSD	.18788	.23233	.37984	.86843	.02406

#1	3294.2	41477.	4289.3	101.41	3285.5
#2	3285.4	41613.	4266.3	100.18	3284.4

Sample Name: J5706-01LX5 Acquired: 10/31/2018 21:39:46 Type: Unk
Method: P4-ICP2(v2535) 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	.00550	-.00057	.00227	-.00187	-.00170	.00502	.00649	.00018
Stddev	.00212	.00081	.00077	.00031	.00031	.01781	.00104	.00005
%RSD	38.598	142.94	33.748	16.573	18.379	354.85	16.010	28.526

#1	.00400	.00001	.00282	-.00209	-.00148	.01762	.00576	.00015
#2	.00701	-.00114	.00173	-.00165	-.00192	-.00758	.00723	.00022

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	17.251	.00017	.00015	.00141	-.00485	.00102	38.105
Stddev	.00000	.004	.00013	.00001	.00065	.00926	.00002	.023
%RSD	11.900	.02480	77.684	9.7714	46.548	190.91	1.8992	.05970

#1	-.00003	17.248	.00026	.00016	.00094	-.01140	.00104	38.089
#2	-.00003	17.254	.00008	.00014	.00187	.00170	.00101	38.121

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00120	.00030	277.24	.00021	.00024	12.484	.00007	.13836
Stddev	.00010	.00054	1.82	.00042	.00001	.013	.00017	.00258
%RSD	8.6921	181.07	.65660	197.74	2.4817	.10256	246.43	1.8631

#1	-.00128	.00069	275.95	.00051	.00025	12.475	.00019	.14018
#2	-.00113	-.00008	278.53	-.00009	.00024	12.493	-.00005	.13653

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 26.195	.38602	-.00878	-.00086	.02190	.0128	.24326	4.3204
Stddev	.048	.00021	.00098	.00059	.00021	.0010	.00026	.2745
%RSD	.18163	.05321	11.151	68.930	.97243	8.003	.10757	6.3542

#1	26.229	.38617	-.00947	-.00044	.02175	.0120	.24308	4.1263
#2	26.161	.38588	-.00808	-.00128	.02206	.0135	.24345	4.5145

Sample Name: J5706-01LX5 Acquired: 10/31/2018 21:39:46 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.6451
Stddev	.4246
%RSD	16.053

#1	2.3449
#2	2.9454

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3521.4	44841.	4380.1	105.74	3725.0
Stddev	21.4	46.	11.9	1.23	19.5
%RSD	.60664	.10155	.27102	1.1620	.52400

#1	3506.3	44873.	4371.7	104.87	3711.2
#2	3536.5	44808.	4388.5	106.61	3738.8

Sample Name: J5706-01MS Acquired: 10/31/2018 21:43:54 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0124	2.1766	1.1742	2.4481	1.0067	2.4178	.26476	.26368
Stddev	.0014	.0074	.0001	.0024	.0034	.0121	.00121	.00063
%RSD	.14360	.34138	.00444	.09840	.33489	.50084	.45604	.23881
#1	1.0114	2.1714	1.1741	2.4498	1.0043	2.4263	.26561	.26412
#2	1.0134	2.1819	1.1742	2.4464	1.0091	2.4092	.26390	.26323
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23384	85.028	.44777	.23671	.34142	3.4477	.24220	192.60
Stddev	.00037	.132	.00100	.00099	.00150	.0371	.00035	1.83
%RSD	.15765	.15568	.22302	.41783	.43848	1.0761	.14612	.95137
#1	.23358	84.934	.44848	.23601	.34248	3.4739	.24195	191.30
#2	.23410	85.122	.44707	.23740	.34036	3.4214	.24245	193.89
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57432	.08856	1208.6	.34565	.26447	76.950	.48677	.98921
Stddev	.00045	.00046	22.3	.00023	.00070	.134	.00114	.01497
%RSD	.07894	.51720	1.8412	.06571	.26313	.17418	.23376	1.5137
#1	.57400	.08824	1224.4	.34581	.26496	76.855	.48596	.97862
#2	.57464	.08888	1192.9	.34549	.26398	77.044	.48757	.99980
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 145.07	3.0498	.80640	.24462	.28949	7.992	1.4199	6.5984
Stddev	.33	.0036	.00073	.00122	.00177	.021	.0051	.3338
%RSD	.22972	.11880	.09001	.49881	.61135	.2629	.36176	5.0583
#1	144.83	3.0523	.80589	.24548	.29074	7.977	1.4162	6.8344
#2	145.31	3.0472	.80692	.24376	.28823	8.007	1.4235	6.3624

Sample Name: J5706-01MS Acquired: 10/31/2018 21:43:54 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.4610
Stddev .2335
%RSD 6.7462

#1 3.6261
#2 3.2959

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3312.2	41845.	4279.7	101.55	3266.9
Stddev	2.9	28.	28.4	.56	2.4
%RSD	.08796	.06765	.66357	.54704	.07229

#1	3310.1	41865.	4299.8	101.16	3265.3
#2	3314.2	41825.	4259.6	101.95	3268.6

Sample Name: J5706-01MSD Acquired: 10/31/2018 21:47:48 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0078	2.1802	1.1716	2.4664	1.0140	2.4296	.26372	.26245
Stddev	.0002	.0003	.0031	.0055	.0001	.0193	.00201	.00096
%RSD	.02124	.01176	.26791	.22102	.01523	.79417	.76240	.36400
#1	1.0080	2.1800	1.1738	2.4625	1.0139	2.4159	.26514	.26312
#2	1.0077	2.1804	1.1693	2.4702	1.0141	2.4432	.26229	.26177
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23351	83.965	.44556	.23700	.34298	3.4060	.24189	189.05
Stddev	.00000	1.219	.00106	.00050	.00044	.0093	.00047	2.65
%RSD	.00044	1.4514	.23721	.20948	.12971	.27320	.19440	1.4009
#1	.23351	84.827	.44631	.23665	.34329	3.3994	.24222	190.92
#2	.23351	83.103	.44482	.23735	.34266	3.4126	.24155	187.18
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57249	.08802	1158.8	.34510	.26224	76.349	.48888	.98396
Stddev	.00046	.00028	47.0	.00164	.00419	.807	.00120	.00258
%RSD	.08048	.31520	4.0544	.47628	1.5960	1.0574	.24477	.26224
#1	.57282	.08783	1192.0	.34626	.26520	76.919	.48803	.98578
#2	.57217	.08822	1125.6	.34394	.25929	75.778	.48973	.98213
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 145.12	3.0085	.80137	.23779	.28974	7.993	1.4093	6.7230
Stddev	.05	.0145	.00213	.00037	.00300	.017	.0180	.0741
%RSD	.03395	.48228	.26542	.15418	1.0360	.2127	1.2788	1.1016
#1	145.09	3.0187	.79987	.23753	.29186	8.005	1.4221	6.6706
#2	145.16	2.9982	.80287	.23805	.28762	7.981	1.3966	6.7753

Sample Name: J5706-01MSD Acquired: 10/31/2018 21:47:48 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.0874
Stddev	.6087
%RSD	14.892

#1	4.5178
#2	3.6570

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3273.2	41740.	4308.1	101.58	3247.6
Stddev	14.4	126.	42.7	.96	12.3
%RSD	.44134	.30267	.99077	.94139	.37897

#1	3283.5	41651.	4277.9	100.91	3256.3
#2	3263.0	41829.	4338.3	102.26	3238.9

Sample Name: J5706-01A Acquired: 10/31/2018 21:51:43 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0057	2.1726	1.1705	2.4632	1.0112	2.4045	.26456	.26262
Stddev	.0027	.0076	.0009	.0072	.0060	.0250	.00068	.00010
%RSD	.26520	.35065	.07817	.29183	.59703	1.0405	.25840	.03767
#1	1.0038	2.1672	1.1698	2.4581	1.0069	2.4222	.26407	.26269
#2	1.0076	2.1779	1.1711	2.4683	1.0154	2.3868	.26504	.26255
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23337	84.804	.44678	.23611	.34195	3.4062	.24163	191.02
Stddev	.00030	.458	.00002	.00019	.00075	.0867	.00006	.58
%RSD	.12682	.54010	.00541	.07892	.21817	2.5466	.02631	.30248
#1	.23358	84.480	.44680	.23624	.34143	3.3449	.24168	191.43
#2	.23316	85.128	.44676	.23598	.34248	3.4676	.24159	190.62
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57229	.08741	1162.7	.34571	.26411	76.632	.48787	.98915
Stddev	.00129	.00069	2.3	.00048	.00697	.578	.00115	.00679
%RSD	.22532	.79314	.19835	.13973	2.6381	.75384	.23493	.68606
#1	.57320	.08692	1164.3	.34605	.25918	76.224	.48706	.99395
#2	.57138	.08790	1161.1	.34537	.26904	77.041	.48868	.98436
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 145.01	3.0344	.80249	.23831	.29332	7.977	1.4146	6.6472
Stddev	.22	.0216	.00098	.00115	.00090	.014	.0123	.3846
%RSD	.15454	.71097	.12245	.48129	.30685	.1718	.86987	5.7857
#1	145.17	3.0191	.80319	.23750	.29269	7.967	1.4059	6.3752
#2	144.85	3.0496	.80180	.23912	.29396	7.986	1.4233	6.9191

Sample Name: J5706-01A Acquired: 10/31/2018 21:51:43 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.0089
Stddev	.3561
%RSD	8.8830

#1	3.7571
#2	4.2607

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3261.1	41430.	4243.2	100.09	3234.8
Stddev	4.1	47.	30.0	2.49	8.3
%RSD	.12465	.11355	.70595	2.4833	.25540

#1	3264.0	41397.	4264.4	101.85	3229.0
#2	3258.2	41463.	4222.1	98.331	3240.7

Sample Name: J5722-01DUP Acquired: 10/31/2018 21:55:37 Type: Unk
Method: P4-ICP2(v2535) 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	.00854	-.00185	.00410	.00531	-.00125	.01440	.02629	.00010
Stddev	.00157	.00091	.00129	.00314	.00015	.03528	.00074	.00002
%RSD	18.409	49.163	31.497	59.217	11.949	244.92	2.8265	22.136
#1	.00743	-.00249	.00501	.00309	-.00114	-.01054	.02682	.00009
#2	.00966	-.00120	.00319	.00753	-.00135	.03935	.02577	.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	77.226	-.00011	-.00033	.00138	-.02171	.00468	165.48
Stddev	.00002	.030	.00023	.00000	.00007	.00524	.00008	.28
%RSD	27.291	.03942	200.87	.26735	4.8890	24.153	1.7960	.16763
#1	-.00007	77.247	.00005	-.00033	.00133	-.01801	.00462	165.28
#2	-.00005	77.204	-.00027	-.00033	.00143	-.02542	.00474	165.67
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00289	.00104	1028.8	.00060	.00100	55.665	.00143	.57800
Stddev	.00021	.00047	2.3	.00035	.00000	.012	.00025	.01052
%RSD	7.2272	44.786	.22405	57.678	.27529	.02144	17.754	1.8200
#1	-.00303	.00137	1030.5	.00085	.00101	55.674	.00125	.58543
#2	-.00274	.00071	1027.2	.00036	.00100	55.657	.00161	.57056
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 126.59	1.9287	-.04592	-.00146	.02986	.0808	1.0531	6.9133
Stddev	.25	.0127	.00070	.00125	.00054	.0010	.0002	.4272
%RSD	.19907	.65923	1.5321	85.894	1.8113	1.219	.01799	6.1800
#1	126.41	1.9197	-.04641	-.00234	.03024	.0801	1.0532	7.2154
#2	126.77	1.9377	-.04542	-.00057	.02948	.0815	1.0529	6.6112

Sample Name: J5722-01DUP Acquired: 10/31/2018 21:55:37 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.2176
Stddev	.1354
%RSD	3.2104

#1	4.1219
#2	4.3133

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3266.9	41366.	4273.4	99.204	3284.3
Stddev	13.7	71.	17.9	1.787	3.0
%RSD	.42031	.17071	.41913	1.8014	.09034

#1	3257.2	41316.	4286.0	100.47	3282.2
#2	3276.6	41416.	4260.7	97.940	3286.4

Sample Name: J5722-01LX5 Acquired: 10/31/2018 21:59:44 Type: Unk
Method: P4-ICP2(v2535) 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	.00538	-.00011	.00049	.00088	.00088	.00541	.00701	.00008
Stddev	.00232	.00076	.00031	.00371	.00027	.00386	.00005	.00001
%RSD	43.105	663.25	64.638	420.26	30.613	71.355	.77909	12.010

#1	.00701	.00042	.00071	-.00174	.00107	.00268	.00698	.00007
#2	.00374	-.00065	.00026	.00351	.00069	.00815	.00705	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	15.676	.00012	.00015	.00004	-.00124	.00090	32.023
Stddev	.00006	.067	.00027	.00023	.00016	.00083	.00003	.237
%RSD	232.48	.42951	225.25	156.03	370.88	66.917	3.7938	.73928

#1	-.00006	15.629	-.00007	.00031	-.00007	-.00066	.00088	31.856
#2	.00002	15.724	.00031	-.00002	.00016	-.00183	.00093	32.191

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00175	.00052	226.50	.00002	-.00040	10.664	.00030	.12097
Stddev	.00036	.00050	.32	.00009	.00002	.051	.00001	.00129
%RSD	20.876	96.058	.14182	574.83	4.2801	.48154	4.6563	1.0653

#1	-.00201	.00017	226.73	.00008	-.00041	10.701	.00029	.12188
#2	-.00149	.00088	226.27	-.00005	-.00038	10.628	.00031	.12006

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 23.062	.39178	-.00775	-.00043	.01724	.0115	.21212	4.7079
Stddev	.129	.00229	.00081	.00170	.00190	.0018	.00012	.1187
%RSD	.56022	.58345	10.430	392.03	11.012	15.51	.05582	2.5206

#1	22.971	.39016	-.00718	-.00163	.01859	.0102	.21220	4.6240
#2	23.154	.39339	-.00832	.00077	.01590	.0127	.21203	4.7918

Sample Name: J5722-01LX5 Acquired: 10/31/2018 21:59:44 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.8044
Stddev	.5117
%RSD	28.356

#1	1.4426
#2	2.1662

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3513.2	45263.	4467.2	103.49	3713.2
Stddev	5.2	203.	23.1	4.25	13.0
%RSD	.14734	.44950	.51818	4.1054	.34957

#1	3509.5	45406.	4483.5	106.49	3722.4
#2	3516.8	45119.	4450.8	100.48	3704.0

Sample Name: CCV12 Acquired: 10/31/2018 22:04:01 Type: Unk
Method: P4-ICP2(v2535) 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	5.0463	4.8939	4.9694	5.0134	5.1402	9.4544	10.112	.25104
Stddev	.0033	.0089	.0021	.0003	.0043	.0077	.026	.00034
%RSD	.06548	.18271	.04139	.00620	.08365	.08147	.26121	.13647
#1	5.0440	4.9002	4.9709	5.0136	5.1372	9.4489	10.131	.25079
#2	5.0486	4.8876	4.9680	5.0132	5.1433	9.4598	10.094	.25128
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4219	25.564	F 1.1302	2.4551	1.2585	5.0412	2.5177	24.459
Stddev	.0013	.023	.0007	.0026	.0003	.0381	.0033	.062
%RSD	.05489	.09122	.06310	.10630	.02093	.75488	.12941	.25371
#1	2.4209	25.580	1.1307	2.4533	1.2587	5.0681	2.5200	24.415
#2	2.4228	25.547	1.1297	2.4569	1.2583	5.0143	2.5154	24.503
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4055	1.2085	23.125	2.6446	F 2.8813	25.865	5.1346	4.8388
Stddev	.0007	.0041	.075	.0058	.0103	.032	.0023	.0058
%RSD	.03050	.34258	.32493	.22063	.35798	.12483	.04419	.11906
#1	2.4060	1.2114	23.072	2.6487	2.8886	25.888	5.1330	4.8348
#2	2.4050	1.2056	23.178	2.6405	2.8740	25.842	5.1362	4.8429
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7736	5.4120	4.8568	4.9102	5.1789	4.833	4.9271	F 4.3571
Stddev	.0018	.0047	.0017	.0043	.0065	.001	.0096	.2329
%RSD	.03846	.08761	.03577	.08673	.12633	.0174	.19524	5.3447
#1	4.7749	5.4087	4.8556	4.9072	5.1835	4.833	4.9339	4.5218
#2	4.7723	5.4154	4.8581	4.9132	5.1742	4.834	4.9203	4.1924

Sample Name: CCV12 Acquired: 10/31/2018 22:04:01 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.5094
Stddev	.2867
%RSD	11.424

#1	2.7121
#2	2.3067

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3617.2	46825.	4472.7	101.00	3825.6
Stddev	1.3	190.	8.1	.33	3.8
%RSD	.03541	.40519	.18169	.32947	.10050

#1	3618.1	46691.	4466.9	100.76	3828.3
#2	3616.3	46959.	4478.4	101.23	3822.9

Sample Name: CCB12 Acquired: 10/31/2018 22:07:47 Type: Unk
Method: P4-ICP2(v2535) 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	.00244	.00099	-.00009	.00078	.00008	.00018	.00171	.00008
Stddev	.00007	.00015	.00048	.00119	.00150	.00004	.00020	.00009
%RSD	2.9096	14.778	532.29	152.35	1809.3	19.550	11.454	108.69

#1	.00239	.00109	.00025	-.00006	.00114	.00016	.00157	.00014
#2	.00249	.00089	-.00043	.00162	-.00098	.00021	.00185	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.01828	.00022	.00020	-.00073	-.00125	.00004	-.05077
Stddev	.00008	.00296	.00017	.00001	.00009	.00280	.00005	.02074
%RSD	853.77	16.182	76.207	5.8357	12.424	223.60	145.65	40.856

#1	-.00005	-.02037	.00010	.00019	-.00079	.00073	.00008	-.03610
#2	.00006	-.01619	.00034	.00021	-.00067	-.00324	-.00000	-.06544

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00052	.00028	.22351	-.00023	.00060	-.18269	.00038	.00423
Stddev	.00005	.00075	.00961	.00044	.00007	.00589	.00006	.00150
%RSD	10.396	266.79	4.2982	192.88	11.567	3.2219	14.468	35.460

#1	.00056	-.00025	.23030	-.00054	.00065	-.18685	.00034	.00529
#2	.00048	.00081	.21671	.00008	.00055	-.17853	.00042	.00317

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00763	.00777	-.00010	-.00036	F .00864	-.0020	-.00001	F 2.3193
Stddev	.00084	.00207	.00000	.00014	.00246	.0007	.00004	.0198
%RSD	11.037	26.699	2.1718	37.948	28.496	35.98	301.87	.85222

#1	.00704	.00924	-.00010	-.00026	.01038	-.0015	.00002	2.3053
#2	.00823	.00630	-.00010	-.00045	.00690	-.0025	-.00005	2.3332

Sample Name: CCB12 Acquired: 10/31/2018 22:07:47 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .10163
Stddev .43459
%RSD 427.62

#1 .40893
#2 -.20567

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3757.6	48745.	4507.6	107.56	4307.6
Stddev	13.5	156.	65.0	.00	20.4
%RSD	.35801	.32105	1.4426	.00000	.47421

#1	3748.1	48634.	4461.7	107.56	4293.1
#2	3767.2	48856.	4553.6	107.56	4322.0

Sample Name: J5722-01MS Acquired: 10/31/2018 22:11:53 Type: Unk
Method: P4-ICP2(v2535) 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	.99241	2.1482	1.1516	2.4225	.98480	2.3873	.26314	.25853
Stddev	.00377	.0033	.0011	.0065	.00449	.0245	.00050	.00053
%RSD	.38024	.15495	.09709	.26743	.45601	1.0263	.19135	.20363
#1	.98975	2.1458	1.1524	2.4179	.98162	2.3700	.26349	.25890
#2	.99508	2.1505	1.1508	2.4271	.98797	2.4046	.26278	.25815
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23010	76.993	.44635	.23318	.34004	3.4177	.23961	165.97
Stddev	.00040	1.028	.00209	.00037	.00166	.0090	.00039	.02
%RSD	.17338	1.3350	.46743	.15919	.48930	.26345	.16214	.00998
#1	.22982	77.720	.44487	.23344	.33886	3.4114	.23988	165.96
#2	.23038	76.266	.44782	.23292	.34121	3.4241	.23934	165.98
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56559	.08445	1073.8	.34428	.26673	66.920	.47901	.89317
Stddev	.00027	.00068	21.8	.00080	.00189	.605	.00160	.01416
%RSD	.04842	.80846	2.0327	.23238	.70999	.90432	.33323	1.5849
#1	.56540	.08493	1089.3	.34485	.26807	67.348	.47788	.88316
#2	.56578	.08397	1058.4	.34372	.26539	66.492	.48014	.90318
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 123.64	3.0928	.79154	.23455	.28128	7.805	1.2592	6.8718
Stddev	.10	.0364	.00182	.00142	.00199	.000	.0132	.0753
%RSD	.08130	1.1768	.22984	.60655	.70591	.0040	1.0467	1.0962
#1	123.71	3.1185	.79026	.23556	.28268	7.804	1.2685	6.9250
#2	123.56	3.0670	.79283	.23355	.27987	7.805	1.2499	6.8185

Sample Name: J5722-01MS Acquired: 10/31/2018 22:11:53 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.6411
Stddev .3623
%RSD 9.9502

#1 3.3849
#2 3.8973

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3327.8	42291.	4312.1	100.19	3321.5
Stddev	4.1	44.	35.6	.95	1.3
%RSD	.12362	.10368	.82632	.94937	.03843

#1	3330.7	42260.	4286.9	99.517	3320.6
#2	3324.9	42322.	4337.3	100.86	3322.4

Sample Name: J5722-01MSD Acquired: 10/31/2018 22:15:48 Type: Unk
Method: P4-ICP2(v2535) 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	.99498	2.1515	1.1544	2.4287	.99460	2.3717	.26173	.25684
Stddev	.00910	.0019	.0032	.0128	.00415	.0634	.00067	.00056
%RSD	.91444	.08720	.27618	.52563	.41753	2.6717	.25442	.21764

#1	.98854	2.1528	1.1566	2.4197	.99167	2.3269	.26126	.25645
#2	1.0014	2.1502	1.1521	2.4378	.99754	2.4165	.26220	.25724

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23045	76.185	.44242	.23363	.34141	3.4626	.23738	164.13
Stddev	.00009	.501	.00133	.00035	.00245	.0387	.00032	.49
%RSD	.04073	.65723	.29995	.15168	.71748	1.1166	.13313	.29985

#1	.23039	76.539	.44148	.23338	.33968	3.4352	.23716	164.48
#2	.23052	75.831	.44336	.23388	.34314	3.4899	.23761	163.78

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56450	.08485	1021.5	.34077	.27042	66.448	.48045	.87880
Stddev	.00044	.00001	31.9	.00097	.00396	.587	.00266	.01523
%RSD	.07715	.01015	3.1231	.28385	1.4649	.88309	.55327	1.7332

#1	.56481	.08486	1044.0	.34009	.26762	66.863	.47857	.86803
#2	.56419	.08484	998.90	.34146	.27322	66.033	.48233	.88957

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 123.36	3.0507	.79225	.23404	.28246	7.812	1.2483	6.0481
Stddev	.49	.0083	.00395	.00006	.00001	.007	.0094	.0665
%RSD	.39677	.27220	.49904	.02688	.00411	.0916	.74894	1.1002

#1	123.71	3.0566	.78945	.23409	.28247	7.817	1.2549	6.0011
#2	123.02	3.0449	.79504	.23400	.28245	7.807	1.2417	6.0952

Sample Name: J5722-01MSD Acquired: 10/31/2018 22:15:48 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.5798
Stddev	.5536
%RSD	15.463

#1	3.9712
#2	3.1884

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3305.0	42276.	4320.0	98.769	3306.3
Stddev	5.0	17.	35.1	1.163	8.9
%RSD	.15162	.04120	.81229	1.1770	.26827

#1	3308.5	42263.	4295.2	99.591	3300.0
#2	3301.4	42288.	4344.8	97.947	3312.5

Sample Name: J5722-01A Acquired: 10/31/2018 22:19:42 Type: Unk
Method: P4-ICP2(v2535) 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	.98560	2.1421	1.1447	2.4075	.98607	2.4130	.26249	.25657
Stddev	.00272	.0029	.0077	.0036	.00905	.0308	.00018	.00008
%RSD	.27589	.13582	.67265	.14729	.91759	1.2754	.06907	.03004

#1	.98752	2.1442	1.1501	2.4100	.99247	2.4348	.26237	.25652
#2	.98368	2.1401	1.1392	2.4050	.97968	2.3912	.26262	.25663

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22859	76.068	.44047	.23142	.33918	3.4959	.23764	162.96
Stddev	.00043	.223	.00063	.00022	.00088	.0371	.00044	.15
%RSD	.18881	.29258	.14227	.09311	.26072	1.0619	.18570	.09242

#1	.22889	75.911	.44002	.23157	.33981	3.4697	.23796	163.07
#2	.22828	76.226	.44091	.23126	.33856	3.5222	.23733	162.85

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56274	.08460	1009.7	.33938	.27315	66.342	.47702	.87769
Stddev	.00143	.00031	12.3	.00008	.00422	.402	.00150	.00180
%RSD	.25432	.37113	1.2224	.02486	1.5462	.60628	.31408	.20478

#1	.56376	.08482	1001.0	.33932	.27016	66.057	.47808	.87897
#2	.56173	.08438	1018.5	.33944	.27613	66.626	.47596	.87642

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 123.29	3.0660	.78579	.22991	.27871	7.739	1.2446	6.2916
Stddev	.44	.0486	.00133	.00110	.00067	.018	.0076	.2056
%RSD	.35795	1.5855	.16862	.47744	.24215	.2279	.61454	3.2679

#1	123.60	3.0316	.78673	.23069	.27823	7.752	1.2391	6.1462
#2	122.97	3.1003	.78486	.22914	.27919	7.727	1.2500	6.4370

Sample Name: J5722-01A Acquired: 10/31/2018 22:19:42 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.5216
Stddev	.1488
%RSD	4.2249

#1	3.6268
#2	3.4164

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3297.8	41827.	4316.7	96.720	3295.5
Stddev	1.2	72.	22.7	1.553	.1
%RSD	.03761	.17270	.52560	1.6055	.00311

#1	3296.9	41776.	4332.7	97.818	3295.5
#2	3298.6	41878.	4300.7	95.622	3295.4

Sample Name: J5730-01DUP Acquired: 10/31/2018 22:23:36 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00301	.00017	.00325	.00283	-.00266	-.00263	.02486	.00014
Stddev	.00328	.00164	.00011	.00528	.00027	.01300	.00004	.00008
%RSD	108.88	972.05	3.3929	186.65	10.199	493.59	.17467	54.151
#1	.00532	-.00099	.00332	-.00090	-.00286	.00656	.02489	.00009
#2	.00069	.00133	.00317	.00656	-.00247	-.01182	.02483	.00019
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	75.330	-.00068	-.00020	.00118	-.01387	.00372	162.32
Stddev	.00009	.906	.00023	.00002	.00037	.00911	.00009	.61
%RSD	59.482	1.2030	33.217	11.285	31.814	65.693	2.4557	.37875
#1	-.00021	75.971	-.00052	-.00022	.00144	-.02032	.00379	162.75
#2	-.00009	74.689	-.00084	-.00019	.00091	-.00743	.00366	161.88
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00254	.00067	983.48	.00114	-.00000	54.729	.00149	.55964
Stddev	.00010	.00047	7.71	.00020	.00010	.595	.00029	.00229
%RSD	3.9749	70.520	.78406	17.557	2544.3	1.0867	19.350	.40858
#1	-.00261	.00034	988.94	.00128	-.00008	55.150	.00169	.55802
#2	-.00247	.00100	978.03	.00100	.00007	54.309	.00128	.56126
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 125.35	1.9489	-.04565	-.00107	.03034	.0795	1.0351	6.6636
Stddev	.33	.0202	.00023	.00135	.00270	.0014	.0081	.3669
%RSD	.26267	1.0387	.51343	125.68	8.8880	1.770	.77891	5.5061
#1	125.58	1.9632	-.04549	-.00012	.03224	.0785	1.0408	6.4041
#2	125.12	1.9345	-.04582	-.00203	.02843	.0805	1.0294	6.9230

Sample Name: J5730-01DUP Acquired: 10/31/2018 22:23:36 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.8219
Stddev .2200
%RSD 5.7556

#1 3.6664
#2 3.9775

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3285.4	41887.	4352.1	99.145	3298.8
Stddev	14.8	116.	29.7	.741	14.5
%RSD	.45006	.27746	.68216	.74707	.44011

#1	3274.9	41969.	4331.1	99.669	3288.5
#2	3295.9	41805.	4373.1	98.622	3309.0

Sample Name: J5730-01LX5 Acquired: 10/31/2018 22:27:44 Type: Unk
Method: P4-ICP2(v2535) 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	.93429	2.1713	1.1193	2.3325	-.00391	2.1823	.24107	.23372
Stddev	.00198	.0074	.0064	.0026	.00175	.0005	.00075	.00038
%RSD	.21165	.34275	.57238	.11071	44.876	.02262	.30930	.16244
#1	.93289	2.1660	1.1148	2.3306	-.00267	2.1826	.24054	.23399
#2	.93569	2.1766	1.1238	2.3343	-.00515	2.1819	.24159	.23346
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22242	16.825	.43760	.22469	.34185	3.4499	.23277	34.413
Stddev	.00080	.135	.00317	.00032	.00012	.0303	.00019	.110
%RSD	.36155	.80424	.72498	.14062	.03441	.87817	.08182	.31888
#1	.22185	16.730	.43985	.22446	.34194	3.4713	.23290	34.491
#2	.22299	16.921	.43536	.22491	.34177	3.4285	.23263	34.335
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54825	.07939	226.73	.33354	.26681	22.622	-.00006	.43351
Stddev	.00111	.00077	.74	.00028	.00208	.011	.00010	.01001
%RSD	.20286	.97192	.32840	.08468	.78053	.04745	174.98	2.3081
#1	.54746	.07994	227.25	.33374	.26829	22.615	-.00013	.44058
#2	.54903	.07885	226.20	.33334	.26534	22.630	.00001	.42643
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 22.804	.45653	-.00739	.00008	.25818	6.885	.43233	3.9247
Stddev	.002	.00248	.00027	.00112	.00151	.012	.00005	.2588
%RSD	.00895	.54259	3.6476	1331.1	.58434	.1690	.01260	6.5935
#1	22.803	.45828	-.00720	.00087	.25711	6.894	.43229	3.7417
#2	22.806	.45478	-.00758	-.00070	.25924	6.877	.43237	4.1077

Sample Name: J5730-01LX5 Acquired: 10/31/2018 22:27:44 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.95193
Stddev	.12398
%RSD	13.024

#1	1.0396
#2	.86426

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3581.5	45823.	4432.5	100.67	3760.2
Stddev	3.1	132.	1.3	.52	10.9
%RSD	.08777	.28868	.02823	.52000	.28898

#1	3579.3	45730.	4433.4	100.30	3767.9
#2	3583.7	45917.	4431.6	101.04	3752.5

Sample Name: J5730-01MS Acquired: 10/31/2018 22:31:42 Type: Unk
Method: P4-ICP2(v2535) 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	.00844	.00025	.00300	.00113	.88491	-.00786	.02559	.00023
Stddev	.00081	.00146	.00020	.00092	.00234	.00688	.00059	.00004
%RSD	9.6030	581.26	6.7581	81.294	.26416	87.523	2.2881	15.727
#1	.00787	-.00078	.00315	.00177	.88656	-.01272	.02517	.00026
#2	.00901	.00128	.00286	.00048	.88326	-.00299	.02600	.00021
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	75.562	-.00079	.00027	.00064	-.02923	.00373	162.49
Stddev	.00015	.591	.00045	.00010	.00041	.00505	.00002	.60
%RSD	116.62	.78242	57.167	36.950	63.723	17.274	.43586	.36792
#1	-.00002	75.144	-.00047	.00034	.00035	-.03280	.00372	162.92
#2	-.00023	75.980	-.00110	.00020	.00093	-.02566	.00374	162.07
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00296	.00045	1055.8	.00079	.00042	54.852	.42835	.55129
Stddev	.00024	.00017	3.1	.00034	.00007	.317	.00096	.00619
%RSD	7.9847	38.649	.29372	43.042	17.714	.57822	.22455	1.1233
#1	-.00312	.00058	1058.0	.00103	.00037	54.628	.42767	.54691
#2	-.00279	.00033	1053.7	.00055	.00048	55.077	.42903	.55567
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 125.49	2.9530	.69554	.20508	.03036	.0795	1.0446	6.8920
Stddev	.23	.0109	.00131	.00207	.00016	.0008	.0037	.0639
%RSD	.18372	.36910	.18841	1.0096	.53315	.9453	.35235	.92736
#1	125.66	2.9453	.69461	.20655	.03047	.0790	1.0420	6.8468
#2	125.33	2.9607	.69646	.20362	.03025	.0801	1.0472	6.9372

Sample Name: J5730-01MS Acquired: 10/31/2018 22:31:42 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.6320
Stddev .0721
%RSD 1.5569

#1 4.5810
#2 4.6830

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3271.8	41673.	4304.7	96.091	3279.7
Stddev	3.1	31.	14.4	1.137	1.1
%RSD	.09393	.07366	.33384	1.1831	.03308

#1	3269.7	41652.	4314.9	96.895	3280.5
#2	3274.0	41695.	4294.6	95.287	3279.0

Sample Name: J5730-01MSD Acquired: 10/31/2018 22:35:48 Type: Unk
Method: P4-ICP2(v2535) 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	.00935	-.00012	.00351	.00132	.88150	-.00555	.02558	.00034
Stddev	.00093	.00123	.00052	.00364	.00313	.00548	.00069	.00004
%RSD	9.9222	1006.1	14.927	275.85	.35530	98.803	2.6961	12.235
#1	.00870	.00075	.00314	-.00126	.87928	-.00943	.02607	.00031
#2	.01001	-.00099	.00388	.00390	.88371	-.00167	.02509	.00037
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	75.589	-.00083	.00007	.00054	-.00822	.00367	161.83
Stddev	.00005	.147	.00014	.00034	.00015	.01431	.00009	.55
%RSD	48.495	.19500	16.963	461.23	28.463	174.13	2.5304	.33853
#1	-.00013	75.693	-.00073	.00031	.00065	.00190	.00374	161.44
#2	-.00007	75.484	-.00093	-.00017	.00043	-.01834	.00361	162.21
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00293	.00064	1009.9	.00160	.00036	54.978	.42453	.54612
Stddev	.00086	.00090	29.6	.00018	.00007	.131	.00040	.00426
%RSD	29.337	140.55	2.9336	11.034	19.523	.23817	.09499	.77988
#1	-.00353	.00128	1030.9	.00147	.00041	54.885	.42425	.54310
#2	-.00232	.00000	988.97	.00172	.00031	55.070	.42482	.54913
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 124.55	2.9539	.69023	.20426	.02817	.0794	1.0394	6.2659
Stddev	.28	.0014	.00206	.00189	.00048	.0011	.0005	.2582
%RSD	.22447	.04723	.29849	.92512	1.6923	1.413	.04596	4.1208
#1	124.75	2.9530	.68877	.20560	.02851	.0786	1.0391	6.4485
#2	124.35	2.9549	.69169	.20292	.02784	.0802	1.0398	6.0834

Sample Name: J5730-01MSD Acquired: 10/31/2018 22:35:48 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.3415
Stddev	.1379
%RSD	3.1768

#1	4.2439
#2	4.4390

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3296.8	41886.	4275.4	95.051	3300.8
Stddev	2.3	144.	8.6	.499	4.9
%RSD	.06946	.34368	.20046	.52505	.14694

#1	3298.5	41784.	4269.3	94.698	3297.4
#2	3295.2	41988.	4281.5	95.404	3304.2

Sample Name: J5730-01A Acquired: 10/31/2018 22:39:55 Type: Unk
Method: P4-ICP2(v2535) 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	.00481	-.00171	.00263	.00165	.88490	.00034	.02537	.00019
Stddev	.00227	.00064	.00015	.00036	.00446	.01510	.00026	.00000
%RSD	47.156	37.626	5.5644	21.875	.50351	4409.9	1.0326	.07086
#1	.00321	-.00217	.00273	.00140	.88175	.01102	.02556	.00019
#2	.00642	-.00126	.00252	.00191	.88805	-.01033	.02519	.00019
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	75.677	-.00101	-.00003	.00088	-.01473	.00366	161.12
Stddev	.00009	.755	.00022	.00003	.00039	.00330	.00003	.39
%RSD	64.269	.99723	21.743	89.237	44.779	22.432	.71128	.24447
#1	-.00020	76.211	-.00086	-.00005	.00116	-.01240	.00368	161.39
#2	-.00008	75.144	-.00117	-.00001	.00060	-.01707	.00364	160.84
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00389	-.00007	982.23	.00110	.00034	54.891	.42670	.55047
Stddev	.00045	.00015	9.97	.00012	.00005	.423	.00351	.01751
%RSD	11.636	218.28	1.0152	11.208	15.811	.77032	.82328	3.1809
#1	-.00357	.00004	989.28	.00101	.00038	55.190	.42421	.56285
#2	-.00420	-.00018	975.18	.00118	.00030	54.592	.42918	.53809
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 124.61	2.9707	.69342	.20505	.02847	.0780	1.0337	6.5037
Stddev	.45	.0419	.00255	.00196	.00064	.0011	.0084	.5049
%RSD	.36013	1.4116	.36754	.95533	2.2320	1.357	.81526	7.7635
#1	124.92	3.0004	.69162	.20643	.02892	.0787	1.0396	6.1467
#2	124.29	2.9411	.69523	.20366	.02802	.0772	1.0277	6.8608

Sample Name: J5730-01A Acquired: 10/31/2018 22:39:55 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.8385
Stddev	.1469
%RSD	3.0365

#1	4.9424
#2	4.7346

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3274.8	41753.	4268.6	96.327	3280.9
Stddev	16.8	28.	45.0	1.612	16.8
%RSD	.51283	.06812	1.0542	1.6731	.51281

#1	3286.7	41732.	4236.8	95.187	3269.0
#2	3263.0	41773.	4300.4	97.466	3292.8

Sample Name: J5731-01DUP Acquired: 10/31/2018 22:44:01 Type: Unk
Method: P4-ICP2(v2535) 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	.00653	.00031	.00236	.00148	-.00202	-.00163	.02627	.00013
Stddev	.00205	.00102	.00051	.00041	.00153	.00858	.00116	.00005
%RSD	31.422	328.64	21.765	27.540	75.684	527.46	4.4316	34.956
#1	.00508	-.00041	.00200	.00176	-.00310	.00444	.02545	.00010
#2	.00798	.00104	.00272	.00119	-.00094	-.00769	.02709	.00017
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	70.703	-.00041	.00026	.00135	-.01192	.00734	141.84
Stddev	.00006	.116	.00002	.00018	.00027	.00410	.00006	.05
%RSD	38.544	.16431	3.7287	68.116	20.196	34.355	.78564	.03433
#1	-.00011	70.621	-.00040	.00014	.00154	-.01482	.00730	141.81
#2	-.00019	70.785	-.00042	.00039	.00116	-.00903	.00738	141.88
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00276	.00051	912.97	.00111	.00001	48.502	.00143	.48368
Stddev	.00007	.00038	17.33	.00008	.00007	.088	.00024	.00677
%RSD	2.3760	73.884	1.8980	7.5046	809.00	.18184	16.860	1.3995
#1	-.00281	.00077	925.22	.00105	.00006	48.564	.00126	.47889
#2	-.00272	.00024	900.72	.00117	-.00004	48.440	.00160	.48847
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 108.30	2.0597	-.03878	-.00248	.02534	.0768	.93395	6.5073
Stddev	.39	.0054	.00059	.00041	.00137	.0000	.00220	.0645
%RSD	.36048	.26091	1.5209	16.486	5.4090	.0603	.23596	.99081
#1	108.58	2.0635	-.03919	-.00219	.02437	.0768	.93551	6.4617
#2	108.03	2.0559	-.03836	-.00276	.02631	.0769	.93239	6.5529

Sample Name: J5731-01DUP Acquired: 10/31/2018 22:44:01 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.2291
Stddev .5688
%RSD 13.450

#1 4.6313
#2 3.8269

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3305.9	41983.	4281.2	93.513	3347.4
Stddev	11.6	8.	10.3	.100	9.5
%RSD	.35205	.01937	.24049	.10687	.28254

#1	3297.7	41989.	4273.9	93.584	3340.7
#2	3314.1	41978.	4288.5	93.442	3354.1

Sample Name: J5731-01LX5 Acquired: 10/31/2018 22:48:09 Type: Unk
Method: P4-ICP2(v2535) 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	.00651	.00119	.00018	.00211	.00275	.00181	.00626	.00004
Stddev	.00208	.00031	.00054	.00020	.00253	.00748	.00072	.00005
%RSD	31.896	25.791	300.51	9.2973	91.996	412.91	11.465	140.38
#1	.00797	.00097	-.00020	.00197	.00454	-.00348	.00677	.00000
#2	.00504	.00140	.00056	.00225	.00096	.00710	.00575	.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	14.395	.00014	.00023	-.00001	.00295	.00144	27.888
Stddev	.00002	.380	.00031	.00015	.00032	.00136	.00007	.394
%RSD	23.027	2.6407	221.04	67.817	2399.0	46.106	4.7215	1.4135
#1	-.00010	14.664	-.00008	.00033	-.00024	.00391	.00139	28.167
#2	-.00007	14.126	.00036	.00012	.00021	.00199	.00149	27.609
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00131	.00057	198.03	.00032	-.00057	9.3217	.00013	.09720
Stddev	.00010	.00023	.03	.00006	.00013	.2119	.00013	.00669
%RSD	7.5110	40.953	.01289	19.656	22.978	2.2731	104.11	6.8800
#1	-.00124	.00073	198.05	.00036	-.00066	9.4715	.00022	.10193
#2	-.00138	.00040	198.01	.00027	-.00048	9.1718	.00003	.09247
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19.581	.42144	-.00639	-.00340	.01286	.0114	.18872	4.1722
Stddev	.029	.00855	.00006	.00135	.00121	.0013	.00354	.1145
%RSD	.14722	2.0297	.88901	39.587	9.3952	10.93	1.8742	2.7434
#1	19.601	.42749	-.00635	-.00245	.01372	.0123	.19122	4.2531
#2	19.560	.41539	-.00643	-.00436	.01201	.0106	.18622	4.0913

Sample Name: J5731-01LX5 Acquired: 10/31/2018 22:48:09 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.9990
Stddev	.6508
%RSD	32.558

#1	1.5388
#2	2.4592

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3525.4	45367.	4334.2	97.626	3750.7
Stddev	6.7	27.	79.5	2.172	4.6
%RSD	.19021	.05996	1.8348	2.2244	.12377

#1	3520.7	45387.	4278.0	96.091	3747.4
#2	3530.2	45348.	4390.4	99.162	3754.0

Sample Name: CCV13 Acquired: 10/31/2018 22:52:13 Type: Unk
Method: P4-ICP2(v2535) 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	5.0328	4.8878	4.9678	5.0039	5.1382	9.4217	10.009	.25063
Stddev	.0069	.0009	.0048	.0082	.0064	.0980	.014	.00035
%RSD	.13777	.01919	.09728	.16463	.12451	1.0398	.13978	.13946

#1	5.0279	4.8871	4.9643	4.9980	5.1337	9.4909	9.9987	.25038
#2	5.0377	4.8884	4.9712	5.0097	5.1427	9.3524	10.018	.25087

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4228	25.488	F 1.1268	2.4561	1.2566	5.0298	2.5110	24.103
Stddev	.0008	.217	.0035	.0019	.0047	.1541	.0031	.236
%RSD	.03212	.85065	.30872	.07555	.37535	3.0631	.12128	.98034

#1	2.4223	25.641	1.1243	2.4547	1.2533	5.1387	2.5089	24.270
#2	2.4234	25.334	1.1292	2.4574	1.2599	4.9209	2.5132	23.936

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4031	1.2030	22.605	2.6386	F 2.9797	25.730	5.1310	4.7207
Stddev	.0013	.0005	.153	.0070	.0592	.010	.0025	.0260
%RSD	.05455	.04526	.67488	.26642	1.9862	.03747	.04817	.55133

#1	2.4021	1.2033	22.497	2.6336	3.0216	25.736	5.1293	4.7391
#2	2.4040	1.2026	22.713	2.6436	2.9379	25.723	5.1328	4.7023

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7957	5.4140	4.8571	4.8787	5.1305	4.815	4.8764	F 4.3537
Stddev	.0107	.0352	.0015	.0439	.0016	.004	.0103	.0169
%RSD	.22371	.64969	.03168	.89989	.03036	.0923	.21031	.38703

#1	4.7881	5.3892	4.8581	4.9098	5.1294	4.811	4.8692	4.3656
#2	4.8033	5.4389	4.8560	4.8477	5.1316	4.818	4.8837	4.3418

Sample Name: CCV13 Acquired: 10/31/2018 22:52:13 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.5339
Stddev .3110
%RSD 12.274

#1 2.3140
#2 2.7539

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3609.8	46910.	4474.2	97.823	3815.9
Stddev	10.0	21.	8.1	2.121	9.2
%RSD	.27716	.04376	.18030	2.1678	.24154

#1	3602.8	46896.	4479.9	96.323	3809.4
#2	3616.9	46925.	4468.5	99.322	3822.4

Sample Name: CCB13 Acquired: 10/31/2018 22:55:59 Type: Unk
Method: P4-ICP2(v2535) 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	F .00605	.00128	-.00087	-.00032	.00153	-.00262	.00136	.00010
Stddev	.00192	.00017	.00008	.00425	.00093	.00801	.00062	.00001
%RSD	31.668	13.518	9.0160	1335.4	60.592	306.29	45.645	10.696
#1	.00469	.00140	-.00081	-.00333	.00219	.00305	.00179	.00010
#2	.00740	.00115	-.00092	.00269	.00088	-.00828	.00092	.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00409	.00062	.00022	-.00054	.00242	.00001	-.01499
Stddev	.00006	.01988	.00033	.00013	.00047	.00086	.00000	.03668
%RSD	208.66	485.55	54.112	60.543	87.670	35.373	3.3215	244.65
#1	.00007	-.00996	.00085	.00031	-.00020	.00303	.00001	-.04093
#2	-.00001	.01815	.00038	.00012	-.00087	.00182	.00001	.01094
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00045	.00060	.26830	-.00030	-.00078	-.13365	.00029	.00882
Stddev	.00027	.00016	.00786	.00015	.00007	.00636	.00008	.00094
%RSD	61.118	26.237	2.9291	48.862	9.0975	4.7619	27.786	10.718
#1	.00064	.00049	.27386	-.00040	-.00073	-.12915	.00023	.00949
#2	.00025	.00071	.26274	-.00020	-.00083	-.13815	.00034	.00815
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01271	.01193	-.00009	-.00116	F .00896	-.0025	-.00012	F 2.3537
Stddev	.00024	.00159	.00047	.00152	.00063	.0021	.00006	.0509
%RSD	1.8659	13.333	551.75	130.98	7.0175	83.72	55.876	2.1631
#1	.01254	.01080	.00025	-.00009	.00940	-.0040	-.00007	2.3897
#2	.01287	.01305	-.00042	-.00223	.00851	-.0010	-.00016	2.3177

Sample Name: CCB13 Acquired: 10/31/2018 22:55:59 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .11527
Stddev .09451
%RSD 81.993

#1 .18210
#2 .04844

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3741.5	48977.	4488.6	100.80	4283.6
Stddev	12.1	165.	29.5	.41	13.9
%RSD	.32209	.33670	.65828	.40921	.32534

#1	3733.0	48860.	4509.4	101.09	4273.7
#2	3750.0	49093.	4467.7	100.51	4293.4

Sample Name: J5731-01MS Acquired: 10/31/2018 23:00:05 Type: Unk
Method: P4-ICP2(v2535) 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	.93005	2.0326	1.0909	2.2821	.91632	2.1422	.24969	.23931
Stddev	.01333	.0275	.0144	.0331	.01292	.0173	.00024	.00011
%RSD	1.4333	1.3532	1.3234	1.4486	1.4095	.80566	.09769	.04523
#1	.92063	2.0131	1.0807	2.2587	.90718	2.1544	.24952	.23923
#2	.93948	2.0520	1.1011	2.3055	.92545	2.1300	.24986	.23939
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21771	70.862	.41865	.22044	.32299	3.1547	.22631	143.92
Stddev	.00263	.011	.00139	.00221	.00301	.0524	.00053	.21
%RSD	1.2097	.01535	.33250	1.0010	.93136	1.6596	.23543	.14866
#1	.21584	70.854	.41963	.21888	.32086	3.1917	.22669	144.07
#2	.21957	70.869	.41766	.22200	.32512	3.1177	.22594	143.76
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53409	.08041	949.10	.32002	.25532	59.424	.44788	.79092
Stddev	.00732	.00073	6.62	.00052	.00526	.065	.00618	.00821
%RSD	1.3706	.91166	.69777	.16123	2.0606	.10883	1.3788	1.0386
#1	.52891	.07989	953.79	.32039	.25904	59.470	.44352	.78511
#2	.53926	.08093	944.42	.31966	.25160	59.379	.45225	.79673
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 108.08	3.1623	.74550	.21226	.25908	7.295	1.1356	6.0915
Stddev	1.02	.0077	.01083	.00198	.00020	.080	.0085	.0173
%RSD	.94431	.24389	1.4527	.93061	.07616	1.095	.74843	.28393
#1	107.36	3.1569	.73785	.21087	.25894	7.239	1.1416	6.1037
#2	108.80	3.1678	.75316	.21366	.25922	7.352	1.1296	6.0793

Sample Name: J5731-01MS Acquired: 10/31/2018 23:00:05 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.6978
Stddev .1471
%RSD 3.9778

#1 3.8018
#2 3.5938

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3315.1	42599.	4255.4	97.827	3325.3
Stddev	39.1	208.	21.9	2.012	37.5
%RSD	1.1796	.48936	.51459	2.0567	1.1263

#1	3342.7	42451.	4239.9	96.404	3351.8
#2	3287.4	42746.	4270.9	99.250	3298.8

Sample Name: J5731-01MSD Acquired: 10/31/2018 23:04:00 Type: Unk
Method: P4-ICP2(v2535) 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	.91718	2.0093	1.0757	2.2477	.90613	2.1432	.24645	.23706
Stddev	.00173	.0022	.0025	.0129	.00675	.0012	.00008	.00231
%RSD	.18871	.10687	.23115	.57364	.74537	.05526	.03291	.97545
#1	.91841	2.0108	1.0774	2.2386	.90136	2.1424	.24639	.23542
#2	.91596	2.0078	1.0739	2.2569	.91091	2.1441	.24650	.23869
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21511	69.768	.41327	.21714	.31727	3.1623	.22405	139.99
Stddev	.00032	.343	.00459	.00021	.00109	.0160	.00104	.45
%RSD	.14857	.49109	1.1116	.09534	.34482	.50680	.46234	.32457
#1	.21534	69.526	.41002	.21729	.31650	3.1510	.22332	139.67
#2	.21489	70.010	.41652	.21700	.31805	3.1736	.22478	140.31
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52731	.07964	927.85	.31694	.25602	58.583	.44070	.77811
Stddev	.00179	.00179	1.35	.00200	.00036	.488	.00184	.00188
%RSD	.33883	2.2469	.14523	.63216	.13999	.83238	.41683	.24209
#1	.52857	.07838	926.89	.31553	.25627	58.238	.43940	.77678
#2	.52604	.08091	928.80	.31836	.25577	58.928	.44200	.77945
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 107.04	3.0930	.73623	.21180	.25649	7.214	1.1181	5.8117
Stddev	.51	.0145	.00037	.00276	.00251	.021	.0100	.2544
%RSD	.48075	.46898	.05027	1.3051	.97875	.2971	.89252	4.3767
#1	107.40	3.0827	.73597	.20985	.25471	7.229	1.1111	5.9915
#2	106.67	3.1032	.73649	.21376	.25826	7.199	1.1252	5.6318

Sample Name: J5731-01MSD Acquired: 10/31/2018 23:04:00 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.1038
Stddev	.3472
%RSD	11.185

#1	2.8583
#2	3.3492

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3338.9	42611.	4306.9	96.570	3334.3
Stddev	11.6	152.	33.2	.175	3.5
%RSD	.34834	.35750	.77084	.18151	.10492

#1	3347.2	42719.	4330.3	96.446	3331.9
#2	3330.7	42503.	4283.4	96.694	3336.8

Sample Name: J5731-01A Acquired: 10/31/2018 23:07:55 Type: Unk
Method: P4-ICP2(v2535) 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	.91620	2.0085	1.0767	2.2645	.90830	2.1442	.24873	.23989
Stddev	.00258	.0062	.0034	.0163	.00970	.0352	.00076	.00047
%RSD	.28125	.30779	.32045	.71861	1.0678	1.6437	.30436	.19633

#1	.91802	2.0129	1.0792	2.2760	.91516	2.1691	.24926	.24022
#2	.91438	2.0042	1.0743	2.2530	.90144	2.1192	.24819	.23955

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21472	70.122	.41873	.21771	.31777	3.2022	.22618	141.80
Stddev	.00098	.535	.00059	.00117	.00186	.0187	.00012	.65
%RSD	.45810	.76313	.13973	.53610	.58658	.58415	.05474	.45616

#1	.21542	69.744	.41914	.21853	.31909	3.2154	.22626	142.26
#2	.21403	70.501	.41831	.21688	.31645	3.1889	.22609	141.34

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52726	.08105	925.66	.32107	.25962	59.073	.44247	.78303
Stddev	.00202	.00020	.41	.00157	.00078	.264	.00155	.00578
%RSD	.38319	.24537	.04413	.48915	.29960	.44623	.34994	.73787

#1	.52869	.08091	925.95	.32218	.25907	58.887	.44356	.77895
#2	.52583	.08119	925.37	.31996	.26017	59.260	.44137	.78712

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 107.03	3.1405	.73542	.21644	.25586	7.207	1.1312	6.1639
Stddev	.51	.0448	.00383	.00417	.00314	.035	.0070	.0423
%RSD	.47279	1.4278	.52081	1.9244	1.2254	.4794	.62357	.68581

#1	107.38	3.1088	.73813	.21939	.25807	7.231	1.1262	6.1340
#2	106.67	3.1722	.73271	.21350	.25364	7.182	1.1361	6.1938

Sample Name: J5731-01A Acquired: 10/31/2018 23:07:55 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.6077
Stddev .4493
%RSD 12.455

#1 3.2899
#2 3.9254

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3321.8	42202.	4250.6	95.144	3329.4
Stddev	6.9	85.	18.4	.618	4.6
%RSD	.20627	.20060	.43236	.64926	.13869

#1	3317.0	42142.	4263.6	95.580	3326.2
#2	3326.7	42261.	4237.6	94.707	3332.7

Sample Name: J5706-02 Acquired: 10/31/2018 23:11:50 Type: Unk
Method: P4-ICP2(v2535) 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	.00685	.00016	.00370	.00268	-.00100	-.00273	.02380	.00015
Stddev	.00166	.00125	.00143	.00061	.00133	.00166	.00034	.00004
%RSD	24.289	789.05	38.647	22.813	132.94	60.784	1.4204	24.623
#1	.00567	.00104	.00269	.00225	-.00195	-.00155	.02356	.00018
#2	.00803	-.00072	.00471	.00311	-.00006	-.00390	.02404	.00013
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	81.562	-.00026	-.00015	.00118	-.02702	.00430	181.39
Stddev	.00011	.170	.00010	.00000	.00040	.00798	.00012	.49
%RSD	72.476	.20839	40.738	1.8756	33.897	29.520	2.8887	.27041
#1	-.00007	81.442	-.00033	-.00016	.00090	-.02138	.00421	181.04
#2	-.00023	81.682	-.00018	-.00015	.00147	-.03266	.00439	181.74
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00321	.00060	1104.3	.00056	.00020	62.650	.00194	.61449
Stddev	.00076	.00035	7.3	.00026	.00004	.037	.00024	.00245
%RSD	23.602	57.933	.65698	45.590	18.811	.05954	12.119	.39890
#1	-.00268	.00085	1109.4	.00075	.00018	62.623	.00211	.61622
#2	-.00375	.00036	1099.2	.00038	.00023	62.676	.00178	.61276
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 143.23	1.8467	-.05130	-.00238	.03154	.0803	1.1720	7.0661
Stddev	.08	.0086	.00030	.00078	.00320	.0018	.0031	.0645
%RSD	.05279	.46732	.59365	32.764	10.157	2.277	.26525	.91267
#1	143.18	1.8406	-.05151	-.00293	.02927	.0816	1.1742	7.1117
#2	143.28	1.8528	-.05108	-.00183	.03380	.0790	1.1698	7.0205

Sample Name: J5706-02 Acquired: 10/31/2018 23:11:50 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.7268
Stddev .1110
%RSD 2.3479

#1 4.6484
#2 4.8053

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3220.0	40894.	4229.3	90.916	3211.8
Stddev	8.0	48.	11.5	2.965	1.8
%RSD	.24824	.11701	.27077	3.2608	.05678

#1	3214.4	40860.	4237.4	93.013	3213.1
#2	3225.7	40928.	4221.2	88.820	3210.6

Sample Name: J5706-03 Acquired: 10/31/2018 23:15:58 Type: Unk
Method: P4-ICP2(v2535) 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	.00708	-.00007	.00296	.00156	-.00356	.00981	.02494	.00012
Stddev	.00247	.00009	.00018	.00214	.00274	.00319	.00082	.00002
%RSD	34.888	125.29	6.1247	137.15	76.784	32.555	3.2812	12.083

#1	.00534	-.00001	.00283	.00307	-.00550	.00755	.02552	.00011
#2	.00883	-.00014	.00309	.00005	-.00163	.01207	.02436	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	80.930	-.00038	-.00002	.00120	-.02193	.00435	179.04
Stddev	.00001	.165	.00013	.00016	.00027	.00784	.00009	.30
%RSD	8.8155	.20386	32.643	876.91	22.587	35.753	2.0380	.16598

#1	-.00015	81.047	-.00047	-.00014	.00139	-.01638	.00429	178.83
#2	-.00013	80.813	-.00030	.00010	.00101	-.02747	.00442	179.25

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00331	.00033	1102.8	.00089	.00013	61.955	.00144	.59300
Stddev	.00069	.00003	1.4	.00037	.00008	.107	.00048	.00044
%RSD	20.935	8.4751	.12455	41.611	60.755	.17315	33.350	.07461

#1	-.00282	.00031	1103.7	.00115	.00008	62.031	.00110	.59269
#2	-.00380	.00035	1101.8	.00063	.00019	61.879	.00178	.59331

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 141.41	1.8584	-.05108	-.00277	.03241	.0831	1.1604	7.0141
Stddev	.13	.0119	.00060	.00335	.00197	.0023	.0018	.0852
%RSD	.08921	.63920	1.1733	120.83	6.0704	2.738	.15158	1.2153

#1	141.50	1.8668	-.05150	-.00514	.03380	.0848	1.1617	6.9538
#2	141.32	1.8500	-.05066	-.00040	.03102	.0815	1.1592	7.0744

Sample Name: J5706-03 Acquired: 10/31/2018 23:15:58 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.1516
Stddev	.1494
%RSD	2.9007

#1	5.0459
#2	5.2572

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3241.1	41055.	4212.9	90.786	3216.5
Stddev	18.7	28.	23.3	.240	13.1
%RSD	.57704	.06735	.55240	.26437	.40779

#1	3254.4	41035.	4196.5	90.616	3225.8
#2	3227.9	41074.	4229.4	90.955	3207.2

Sample Name: J5706-04 Acquired: 10/31/2018 23:20:07 Type: Unk
Method: P4-ICP2(v2535) 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	.00699	.00025	.00312	.00003	-.00183	.00257	.02505	.00007
Stddev	.00233	.00015	.00059	.00286	.00158	.00466	.00070	.00008
%RSD	33.342	60.565	19.025	9023.0	86.533	180.91	2.8019	117.22
#1	.00864	.00014	.00354	.00205	-.00071	-.00072	.02456	.00001
#2	.00534	.00036	.00270	-.00199	-.00294	.00587	.02555	.00013
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	89.177	-.00069	-.00026	.00092	-.03006	.00532	203.93
Stddev	.00010	.686	.00050	.00038	.00006	.00468	.00002	1.06
%RSD	44.023	.76971	71.995	145.81	6.3206	15.571	.38111	.52022
#1	-.00016	88.692	-.00105	-.00053	.00096	-.02675	.00533	203.18
#2	-.00030	89.663	-.00034	.00001	.00088	-.03337	.00531	204.68
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00382	-.00003	1164.2	.00153	.00039	71.941	.00145	.68016
Stddev	.00074	.00099	3.9	.00015	.00003	.355	.00033	.00760
%RSD	19.376	3434.9	.33219	10.032	8.2692	.49391	22.747	1.1167
#1	-.00330	-.00073	1161.5	.00142	.00041	71.689	.00169	.67479
#2	-.00435	.00067	1166.9	.00164	.00037	72.192	.00122	.68553
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 163.91	1.8533	-.05905	-.00130	.03854	.0852	1.3208	7.1692
Stddev	.21	.0160	.00005	.00157	.00008	.0012	.0068	.3422
%RSD	.13104	.86142	.08040	120.97	.20297	1.426	.51700	4.7731
#1	163.75	1.8420	-.05909	-.00241	.03859	.0843	1.3160	6.9273
#2	164.06	1.8646	-.05902	-.00019	.03848	.0861	1.3257	7.4112

Sample Name: J5706-04 Acquired: 10/31/2018 23:20:07 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.9375
Stddev	.3551
%RSD	7.1924

#1	4.6864
#2	5.1886

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3191.4	40404.	4158.0	89.065	3148.0
Stddev	9.0	27.	24.2	1.133	1.7
%RSD	.28297	.06685	.58256	1.2724	.05280

#1	3185.0	40424.	4175.1	89.866	3146.8
#2	3197.8	40385.	4140.9	88.264	3149.2

Sample Name: J5706-05 Acquired: 10/31/2018 23:24:16 Type: Unk
Method: P4-ICP2(v2535) 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	.00934	-.00014	.00312	.00230	-.00225	.00210	.02384	.00014
Stddev	.00238	.00110	.00015	.00338	.00224	.00149	.00069	.00005
%RSD	25.524	804.37	4.7236	147.18	99.839	70.872	2.9133	35.082
#1	.00766	.00064	.00302	-.00009	-.00066	.00315	.02335	.00011
#2	.01103	-.00092	.00323	.00468	-.00383	.00105	.02433	.00018
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	89.934	-.00048	.00010	.00161	-.01789	.00533	204.23
Stddev	.00013	.599	.00003	.00013	.00050	.00328	.00003	.82
%RSD	51.964	.66611	6.7407	123.85	31.120	18.306	.53302	.39990
#1	-.00034	89.511	-.00045	.00001	.00125	-.01558	.00535	203.66
#2	-.00016	90.358	-.00050	.00020	.00196	-.02021	.00531	204.81
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00339	.00116	1205.0	.00040	.00039	72.483	.00148	.69365
Stddev	.00008	.00077	6.9	.00008	.00004	.174	.00005	.01397
%RSD	2.3941	66.464	.57375	21.263	10.237	.23971	3.7021	2.0138
#1	-.00345	.00170	1200.1	.00046	.00036	72.360	.00144	.70352
#2	-.00333	.00061	1209.9	.00034	.00042	72.606	.00152	.68377
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 165.27	1.8407	-.05989	-.00486	.03921	.0867	1.3291	7.6031
Stddev	.45	.0122	.00058	.00289	.00159	.0011	.0037	.1472
%RSD	.27522	.66113	.96882	59.546	4.0580	1.309	.27822	1.9362
#1	164.95	1.8321	-.06030	-.00690	.03809	.0859	1.3265	7.7072
#2	165.59	1.8493	-.05948	-.00281	.04034	.0875	1.3317	7.4990

Sample Name: J5706-05 Acquired: 10/31/2018 23:24:16 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.0051
Stddev .1277
%RSD 2.5504

#1 5.0953
#2 4.9148

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3174.8	40160.	4157.5	91.229	3135.3
Stddev	9.0	190.	23.9	.024	4.0
%RSD	.28391	.47352	.57538	.02577	.12912

#1	3168.5	40295.	4174.4	91.246	3132.4
#2	3181.2	40026.	4140.6	91.213	3138.1

Sample Name: J5706-06 Acquired: 10/31/2018 23:28:25 Type: Unk
Method: P4-ICP2(v2535) 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	.00683	-.00173	.00351	-.00037	-.00406	-.00111	.02558	.00005
Stddev	.00140	.00123	.00052	.00121	.00076	.00374	.00202	.00011
%RSD	20.493	71.272	14.828	328.45	18.631	337.99	7.9141	199.74

#1	.00584	-.00260	.00388	.00049	-.00352	.00154	.02415	-.00002
#2	.00781	-.00086	.00314	-.00122	-.00459	-.00375	.02701	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	84.372	-.00091	-.00016	.00110	-.02959	.00546	187.41
Stddev	.00004	2.828	.00030	.00018	.00047	.00471	.00024	5.57
%RSD	26.241	3.3518	33.345	113.74	42.715	15.926	4.3743	2.9747

#1	-.00014	82.372	-.00069	-.00028	.00143	-.02625	.00563	183.46
#2	-.00020	86.372	-.00112	-.00003	.00076	-.03292	.00529	191.35

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00318	.00075	1095.5	.00156	.00022	65.329	.00119	.62713
Stddev	.00086	.00064	19.3	.00060	.00003	1.918	.00005	.01773
%RSD	27.061	84.957	1.7593	38.646	14.836	2.9355	4.0926	2.8279

#1	-.00378	.00120	1081.8	.00198	.00020	63.973	.00116	.61459
#2	-.00257	.00030	1109.1	.00113	.00025	66.685	.00123	.63967

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 146.15	1.9419	-.05306	-.00215	.03319	.0810	1.2129	7.1471
Stddev	.18	.0334	.00093	.00287	.00108	.0006	.0299	.2148
%RSD	.12486	1.7222	1.7462	133.35	3.2602	.7810	2.4676	3.0056

#1	146.02	1.9183	-.05241	-.00418	.03396	.0806	1.1917	7.2990
#2	146.28	1.9656	-.05372	-.00012	.03243	.0814	1.2341	6.9952

Sample Name: J5706-06 Acquired: 10/31/2018 23:28:25 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.7878
Stddev	.5214
%RSD	10.890

#1	5.1565
#2	4.4191

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3207.3	39359.	4083.5	89.560	3185.1
Stddev	11.4	1700.	98.9	1.785	9.5
%RSD	.35690	4.3191	2.4225	1.9928	.29963

#1	3215.4	38157.	4153.4	90.822	3191.8
#2	3199.2	40561.	4013.5	88.298	3178.3

Sample Name: J5706-07 Acquired: 10/31/2018 23:32:33 Type: Unk
Method: P4-ICP2(v2535) 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	.00768	-.00146	.00450	.00288	-.00388	-.00374	.02409	.00012
Stddev	.00195	.00014	.00075	.00576	.00092	.00764	.00043	.00000
%RSD	25.379	9.4515	16.670	200.04	23.726	203.90	1.7677	3.2800
#1	.00906	-.00136	.00397	.00695	-.00453	.00165	.02439	.00012
#2	.00631	-.00156	.00503	-.00119	-.00323	-.00914	.02379	.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	85.803	.00016	.00006	.00077	-.01456	.00455	190.53
Stddev	.00002	.304	.00017	.00007	.00005	.00271	.00003	.08
%RSD	12.831	.35377	106.36	107.90	6.8301	18.605	.59948	.04302
#1	-.00020	85.588	.00029	.00011	.00080	-.01264	.00457	190.47
#2	-.00017	86.018	.00004	.00002	.00073	-.01647	.00453	190.58
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00330	-.00004	1139.5	.00148	.00038	67.295	.00148	.63912
Stddev	.00025	.00009	18.5	.00041	.00012	.033	.00005	.00227
%RSD	7.5234	237.67	1.6260	27.649	32.114	.04966	3.4525	.35558
#1	-.00313	.00003	1152.6	.00119	.00030	67.272	.00145	.63751
#2	-.00348	-.00010	1126.4	.00177	.00047	67.319	.00152	.64073
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 153.70	1.8618	-.05576	-.00333	.03593	.0853	1.2459	7.4401
Stddev	.07	.0088	.00051	.00154	.00073	.0025	.0002	.1665
%RSD	.04417	.47210	.92237	46.049	2.0274	2.934	.01529	2.2383
#1	153.75	1.8680	-.05612	-.00225	.03542	.0835	1.2457	7.3223
#2	153.65	1.8555	-.05540	-.00442	.03645	.0871	1.2460	7.5578

Sample Name: J5706-07 Acquired: 10/31/2018 23:32:33 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.4706
Stddev .4232
%RSD 9.4651

#1 4.7698
#2 4.1714

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3193.6	40376.	4167.6	88.039	3159.2
Stddev	8.5	121.	1.0	1.858	9.6
%RSD	.26745	.29919	.02300	2.1100	.30281

#1	3187.6	40462.	4166.9	89.352	3152.5
#2	3199.7	40291.	4168.3	86.725	3166.0

Sample Name: J5706-08 Acquired: 10/31/2018 23:36:42 Type: Unk
Method: P4-ICP2(v2535) 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	.00858	-.00085	.00411	.00048	-.00282	-.00735	.02509	.00013
Stddev	.00385	.00013	.00025	.00129	.00409	.00334	.00069	.00004
%RSD	44.825	14.943	6.0406	269.03	145.12	45.386	2.7614	26.878
#1	.00586	-.00076	.00429	.00139	-.00571	-.00971	.02460	.00016
#2	.01130	-.00094	.00394	-.00043	.00007	-.00499	.02558	.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	85.933	-.00047	-.00008	.00138	-.01903	.00453	193.65
Stddev	.00010	1.000	.00029	.00000	.00006	.00572	.00001	.07
%RSD	58.802	1.1632	61.778	1.4557	4.0573	30.076	.29914	.03405
#1	-.00010	85.227	-.00068	-.00008	.00142	-.02307	.00453	193.69
#2	-.00023	86.640	-.00027	-.00008	.00134	-.01498	.00454	193.60
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00371	.00056	1133.5	.00063	.00030	67.689	.00145	.65207
Stddev	.00071	.00014	10.9	.00009	.00001	.662	.00024	.00113
%RSD	19.105	25.029	.95894	13.828	2.5551	.97776	16.423	.17307
#1	-.00321	.00046	1125.9	.00069	.00030	67.221	.00129	.65127
#2	-.00421	.00066	1141.2	.00057	.00029	68.157	.00162	.65287
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 156.03	1.8561	-.05616	-.00233	.03455	.0874	1.2538	7.2880
Stddev	.30	.0388	.00083	.00080	.00213	.0018	.0113	.2874
%RSD	.19323	2.0890	1.4693	34.449	6.1743	2.046	.89935	3.9441
#1	155.82	1.8287	-.05558	-.00176	.03606	.0861	1.2459	7.4912
#2	156.24	1.8835	-.05674	-.00290	.03304	.0886	1.2618	7.0847

Sample Name: J5706-08 Acquired: 10/31/2018 23:36:42 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.6997
Stddev	.0804
%RSD	1.7104

#1	4.7566
#2	4.6429

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3180.4	40076.	4153.6	88.131	3147.0
Stddev	4.5	26.	57.8	.377	1.5
%RSD	.14033	.06366	1.3920	.42752	.04787

#1	3183.5	40058.	4194.5	88.397	3148.1
#2	3177.2	40094.	4112.8	87.864	3145.9

Sample Name: CCV14 Acquired: 10/31/2018 23:40:51 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9153	4.7914	4.8321	4.9022	5.0117	9.1547	9.9772	.24418
Stddev	.0083	.0030	.0030	.0024	.0025	.0264	.0185	.00024
%RSD	.16833	.06236	.06159	.04987	.04970	.28852	.18518	.10003

#1	4.9212	4.7893	4.8300	4.9039	5.0135	9.1361	9.9641	.24435
#2	4.9095	4.7935	4.8342	4.9005	5.0099	9.1734	9.9903	.24401

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3653	24.787	1.0996	2.3907	1.2243	4.9219	2.4459	23.249
Stddev	.0013	.029	.0022	.0016	.0013	.0320	.0028	.215
%RSD	.05579	.11671	.19847	.06541	.10257	.64955	.11453	.92600

#1	2.3644	24.766	1.0981	2.3896	1.2235	4.8993	2.4479	23.097
#2	2.3662	24.807	1.1012	2.3918	1.2252	4.9445	2.4440	23.401

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3503	1.1801	F 21.263	2.5862	F 3.0131	25.458	4.9870	4.5096
Stddev	.0003	.0054	.185	.0078	.0060	.120	.0036	.0098
%RSD	.01298	.45785	.86898	.30360	.19868	.47172	.07176	.21793

#1	2.3505	1.1763	21.132	2.5917	3.0174	25.373	4.9845	4.5027
#2	2.3501	1.1839	21.393	2.5806	3.0089	25.543	4.9895	4.5166

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7732	5.3189	4.7422	4.7766	5.1185	4.722	4.8504	F 3.6983
Stddev	.0303	.0244	.0016	.0105	.0100	.000	.0148	.3208
%RSD	.63448	.45816	.03356	.22007	.19524	.0065	.30592	8.6741

#1	4.7946	5.3362	4.7411	4.7692	5.1114	4.722	4.8399	3.9251
#2	4.7518	5.3017	4.7433	4.7841	5.1255	4.722	4.8609	3.4715

Sample Name: CCV14 Acquired: 10/31/2018 23:40:51 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.1375
Stddev	.9097
%RSD	42.558

#1	2.7808
#2	1.4943

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3704.2	48036.	4538.3	96.118	3902.5
Stddev	6.6	128.	19.1	.200	5.2
%RSD	.17773	.26604	.41975	.20819	.13361

#1	3699.6	47945.	4524.8	95.976	3898.8
#2	3708.9	48126.	4551.8	96.259	3906.2

Sample Name: CCB14 Acquired: 10/31/2018 23:44:37 Type: Unk
Method: P4-ICP2(v2535) 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	.00374	.00175	-.00100	.00121	.00179	-.00165	.00136	.00003
Stddev	.00169	.00007	.00008	.00146	.00046	.00027	.00101	.00002
%RSD	45.045	4.1231	7.4922	120.52	25.461	16.298	74.105	87.458

#1	.00493	.00180	-.00106	.00018	.00147	-.00184	.00065	.00004
#2	.00255	.00169	-.00095	.00224	.00212	-.00146	.00207	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00286	.00011	.00030	.00016	-.00828	-.00006	-.03783
Stddev	.00006	.00821	.00001	.00012	.00013	.00000	.00001	.00141
%RSD	285.34	287.50	5.0227	40.281	82.078	.03753	9.6851	3.7252

#1	.00006	-.00866	.00012	.00039	.00026	-.00829	-.00006	-.03683
#2	-.00002	.00295	.00011	.00022	.00007	-.00828	-.00007	-.03882

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00091	-.00010	.47812	-.00035	-.00072	-.11531	.00003	.01144
Stddev	.00016	.00050	.01797	.00038	.00006	.02153	.00008	.00619
%RSD	17.405	519.33	3.7593	110.44	8.3276	18.673	265.65	54.120

#1	.00080	-.00045	.49083	-.00008	-.00068	-.13054	.00009	.00706
#2	.00103	.00026	.46541	-.00062	-.00077	-.10009	-.00003	.01581

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .02953	.00995	.00043	.00102	F .00893	-.0007	-.00001	F 2.0037
Stddev	.00357	.00085	.00041	.00047	.00051	.0014	.00008	.4886
%RSD	12.081	8.5155	95.971	45.790	5.6847	205.7	960.47	24.387

#1	.03206	.01055	.00073	.00136	.00929	.0003	.00005	2.3492
#2	.02701	.00935	.00014	.00069	.00858	-.0017	-.00006	1.6582

Sample Name: CCB14 Acquired: 10/31/2018 23:44:37 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .47408
Stddev	.04343
%RSD	9.1599

#1	.44338
#2	.50479

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3848.0	50003.	4487.1	98.375	4396.9
Stddev	.1	192.	24.9	1.249	4.7
%RSD	.00312	.38469	.55599	1.2699	.10737

#1	3848.1	49867.	4469.5	97.492	4393.5
#2	3848.0	50139.	4504.8	99.258	4400.2

Sample Name: J5706-09 Acquired: 10/31/2018 23:48:44 Type: Unk
Method: P4-ICP2(v2535) 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	.00754	-.00024	.00355	.00210	-.00299	-.00370	.02508	.00022
Stddev	.00040	.00132	.00051	.00315	.00082	.00859	.00021	.00001
%RSD	5.2631	543.96	14.398	150.23	27.499	231.98	.84267	3.4726
#1	.00783	.00069	.00392	.00432	-.00357	.00237	.02493	.00022
#2	.00726	-.00118	.00319	-.00013	-.00240	-.00977	.02523	.00023
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	88.446	-.00064	-.00011	.00133	-.01424	.00423	197.71
Stddev	.00002	.900	.00048	.00022	.00015	.00203	.00005	2.61
%RSD	14.546	1.0178	74.628	187.57	11.486	14.229	1.2486	1.3178
#1	-.00017	87.809	-.00030	-.00027	.00144	-.01281	.00419	195.87
#2	-.00014	89.082	-.00097	.00004	.00122	-.01568	.00427	199.56
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00323	.00091	1272.3	.00134	.00049	69.997	.00168	.66887
Stddev	.00076	.00014	26.6	.00060	.00004	.615	.00019	.00785
%RSD	23.663	15.744	2.0939	45.128	7.3716	.87840	11.436	1.1743
#1	-.00269	.00101	1291.2	.00177	.00052	69.562	.00154	.67442
#2	-.00377	.00081	1253.5	.00091	.00047	70.432	.00181	.66331
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 160.66	1.8632	-.05789	-.00194	.03664	.0877	1.2931	7.1313
Stddev	.31	.0160	.00054	.00151	.00075	.0018	.0086	.1306
%RSD	.19116	.86122	.92477	77.921	2.0533	2.062	.66727	1.8310
#1	160.44	1.8518	-.05751	-.00301	.03611	.0889	1.2870	7.2236
#2	160.88	1.8745	-.05826	-.00087	.03717	.0864	1.2992	7.0390

Sample Name: J5706-09 Acquired: 10/31/2018 23:48:44 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.1575
Stddev	.0845
%RSD	1.6392

#1	5.0977
#2	5.2172

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3221.2	40820.	4195.8	86.420	3191.8
Stddev	10.0	132.	28.8	.369	2.1
%RSD	.30903	.32422	.68612	.42711	.06477

#1	3228.2	40914.	4216.1	86.681	3193.3
#2	3214.2	40726.	4175.4	86.159	3190.3

Sample Name: J5706-10 Acquired: 10/31/2018 23:52:52 Type: Unk
Method: P4-ICP2(v2535) 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	.00894	-.00030	.00412	-.00064	-.00334	.00347	.02586	.00022
Stddev	.00012	.00099	.00186	.00496	.00154	.00538	.00116	.00005
%RSD	1.3586	328.88	45.087	771.06	46.199	155.14	4.4733	20.697
#1	.00885	.00040	.00543	.00286	-.00225	-.00034	.02668	.00025
#2	.00903	-.00100	.00281	-.00415	-.00443	.00728	.02504	.00019
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	87.060	-.00114	-.00004	.00138	-.02680	.00427	195.57
Stddev	.00003	.778	.00013	.00003	.00034	.01919	.00000	4.40
%RSD	18.102	.89417	11.609	74.038	24.824	71.597	.07257	2.2484
#1	-.00013	87.610	-.00104	-.00006	.00114	-.01323	.00427	198.68
#2	-.00017	86.509	-.00123	-.00002	.00162	-.04037	.00426	192.46
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00368	.00048	1182.3	.00128	.00020	69.234	.00158	.66787
Stddev	.00002	.00012	7.7	.00053	.00003	.663	.00000	.00477
%RSD	.63890	25.297	.64808	41.225	13.150	.95740	.13481	.71374
#1	-.00370	.00056	1176.8	.00166	.00022	69.703	.00158	.66450
#2	-.00366	.00039	1187.7	.00091	.00018	68.765	.00159	.67124
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 159.56	1.8512	-.05781	-.00159	.03650	.0861	1.2753	7.0533
Stddev	.06	.0209	.00025	.00010	.00211	.0017	.0098	.3499
%RSD	.03595	1.1269	.43569	6.1251	5.7916	1.991	.76680	4.9615
#1	159.60	1.8659	-.05799	-.00166	.03500	.0849	1.2822	6.8059
#2	159.52	1.8364	-.05764	-.00153	.03799	.0873	1.2683	7.3008

Sample Name: J5706-10 Acquired: 10/31/2018 23:52:52 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.3881
Stddev .4412
%RSD 10.055

#1 4.7001
#2 4.0761

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3205.7	40392.	4207.0	89.531	3169.6
Stddev	.6	80.	38.0	3.040	2.0
%RSD	.01793	.19716	.90321	3.3952	.06392

#1	3205.3	40335.	4180.2	91.680	3168.2
#2	3206.2	40448.	4233.9	87.381	3171.1

Sample Name: J5722-02 Acquired: 10/31/2018 23:57:01 Type: Unk
Method: P4-ICP2(v2535) 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	.00652	-.00054	.00294	.00179	-.00500	.00132	.02614	.00022
Stddev	.00076	.00006	.00061	.00015	.00137	.02107	.00072	.00005
%RSD	11.721	11.448	20.805	8.6532	27.404	1591.3	2.7712	22.638
#1	.00707	-.00050	.00251	.00168	-.00403	-.01357	.02665	.00026
#2	.00598	-.00059	.00337	.00189	-.00596	.01622	.02562	.00019
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	75.228	-.00047	-.00006	.00073	-.01187	.00375	155.15
Stddev	.00005	1.221	.00036	.00001	.00018	.01094	.00001	.26
%RSD	48.597	1.6226	76.739	20.718	25.156	92.133	.28964	.16847
#1	-.00014	76.091	-.00073	-.00006	.00060	-.01961	.00374	155.33
#2	-.00007	74.365	-.00022	-.00005	.00086	-.00414	.00376	154.96
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00260	.00069	996.97	.00098	.00027	54.259	.00120	.52280
Stddev	.00035	.00030	27.62	.00015	.00003	.745	.00013	.00005
%RSD	13.313	43.882	2.7700	15.495	12.085	1.3730	11.207	.00973
#1	-.00284	.00091	1016.5	.00087	.00025	54.786	.00130	.52276
#2	-.00235	.00048	977.45	.00109	.00029	53.732	.00111	.52283
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 123.97	1.9587	-.04448	-.00336	.02793	.0787	1.0257	6.5626
Stddev	1.07	.0183	.00053	.00136	.00321	.0023	.0111	.3029
%RSD	.86341	.93646	1.1897	40.468	11.490	2.962	1.0771	4.6156
#1	124.73	1.9717	-.04411	-.00240	.03020	.0803	1.0335	6.7768
#2	123.21	1.9458	-.04486	-.00432	.02566	.0770	1.0179	6.3485

Sample Name: J5722-02 Acquired: 10/31/2018 23:57:01 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.2074
Stddev	.5538
%RSD	13.163

#1	4.5990
#2	3.8157

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3269.6	41275.	4228.4	88.834	3263.0
Stddev	2.7	113.	71.5	.439	4.8
%RSD	.08111	.27434	1.6911	.49468	.14702

#1	3267.7	41195.	4177.8	88.523	3259.6
#2	3271.5	41355.	4279.0	89.144	3266.4

Sample Name: J5722-03 Acquired: 11/1/2018 0:01:10 Type: Unk
Method: P4-ICP2(v2535) 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	.00371	.00108	.00225	.00301	-.00264	-.00420	.02619	.00012
Stddev	.00086	.00179	.00069	.00338	.00047	.03412	.00012	.00018
%RSD	23.154	165.57	30.686	112.42	17.710	811.37	.46365	146.09

#1	.00310	.00235	.00274	.00062	-.00231	-.02833	.02628	.00025
#2	.00431	-.00018	.00176	.00540	-.00297	.01992	.02611	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	76.446	-.00058	-.00004	.00137	-.01933	.00364	155.64
Stddev	.00013	.473	.00022	.00005	.00021	.00589	.00004	.43
%RSD	57.732	.61910	37.336	119.01	15.383	30.456	1.1912	.27707

#1	-.00013	76.111	-.00073	-.00001	.00152	-.01516	.00361	155.94
#2	-.00031	76.780	-.00043	-.00008	.00122	-.02349	.00367	155.33

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00324	.00136	1000.6	.00145	.00028	55.074	.00116	.52466
Stddev	.00048	.00016	6.7	.00010	.00010	.237	.00010	.00212
%RSD	14.839	11.920	.66781	6.6702	36.784	.43057	9.0042	.40400

#1	-.00358	.00124	995.84	.00139	.00021	54.906	.00109	.52616
#2	-.00290	.00147	1005.3	.00152	.00036	55.241	.00124	.52316

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 124.72	1.9872	-.04542	-.00159	.02956	.0807	1.0393	6.8324
Stddev	.35	.0128	.00080	.00024	.00101	.0010	.0002	.4861
%RSD	.28373	.64209	1.7561	14.983	3.4281	1.252	.01842	7.1141

#1	124.47	1.9782	-.04486	-.00142	.03027	.0800	1.0395	7.1761
#2	124.97	1.9962	-.04599	-.00176	.02884	.0814	1.0392	6.4887

Sample Name: J5722-03 Acquired: 11/1/2018 0:01:10 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.9383
 Stddev .0856
 %RSD 1.7323

#1 4.8778
 #2 4.9988

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3255.0	41181.	4167.4	89.238	3252.6
Stddev	6.8	9.	13.6	1.168	.3
%RSD	.20811	.02154	.32745	1.3083	.00845

#1	3259.8	41187.	4177.0	90.064	3252.8
#2	3250.2	41175.	4157.7	88.413	3252.4

Sample Name: J5722-04 Acquired: 11/1/2018 0:05:19 Type: Unk
Method: P4-ICP2(v2535) 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	.00880	.00004	.00270	.00005	-.00305	.00257	.02554	.00015
Stddev	.00112	.00249	.00032	.00124	.00078	.00668	.00107	.00001
%RSD	12.724	5713.6	11.776	2505.2	25.686	259.83	4.1929	8.4325
#1	.00959	-.00171	.00292	-.00083	-.00250	.00730	.02630	.00015
#2	.00801	.00180	.00247	.00093	-.00361	-.00215	.02479	.00014
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	80.077	-.00068	.00009	.00090	-.01849	.00342	173.45
Stddev	.00003	.305	.00001	.00012	.00024	.00117	.00006	.77
%RSD	27.237	.38109	1.9977	131.03	26.467	6.3090	1.7654	.44421
#1	-.00008	80.293	-.00068	.00018	.00073	-.01932	.00338	173.99
#2	-.00012	79.862	-.00067	.00001	.00107	-.01767	.00347	172.90
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00331	.00075	1051.5	.00131	.00037	60.939	.00120	.58199
Stddev	.00078	.00099	19.1	.00014	.00009	.143	.00020	.01095
%RSD	23.437	132.67	1.8146	10.642	23.384	.23518	16.639	1.8822
#1	-.00386	.00005	1065.0	.00121	.00043	61.040	.00106	.58973
#2	-.00276	.00145	1038.0	.00141	.00031	60.837	.00134	.57424
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 137.10	1.8979	-.05041	-.00340	.03168	.0822	1.1351	7.0780
Stddev	5.13	.0123	.00294	.00116	.00296	.0019	.0051	.0766
%RSD	3.7431	.64524	5.8274	34.059	9.3501	2.306	.44903	1.0816
#1	140.73	1.9065	-.05249	-.00422	.03378	.0835	1.1387	7.0239
#2	133.47	1.8892	-.04834	-.00258	.02959	.0808	1.1315	7.1322

Sample Name: J5722-04 Acquired: 11/1/2018 0:05:19 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.4792
 Stddev .2092
 %RSD 4.6710

#1 4.6272
 #2 4.3313

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3316.3	40904.	4249.1	85.392	3282.1
Stddev	110.8	53.	45.2	1.615	104.7
%RSD	3.3397	.13014	1.0636	1.8916	3.1899

#1	3238.0	40942.	4217.1	84.250	3208.1
#2	3394.6	40867.	4281.0	86.534	3356.1

Sample Name: J5722-05 Acquired: 11/1/2018 0:09:28 Type: Unk
Method: P4-ICP2(v2535) 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	.00951	-.00101	.00397	-.00048	-.00365	.00606	.02541	.00018
Stddev	.00028	.00230	.00011	.00094	.00155	.00830	.00060	.00007
%RSD	2.9418	228.94	2.6571	194.70	42.429	137.06	2.3477	38.539

#1	.00931	-.00263	.00405	-.00115	-.00255	.01192	.02499	.00013
#2	.00971	.00062	.00390	.00018	-.00474	.00019	.02583	.00023

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	81.009	-.00060	.00010	.00191	-.02066	.00300	175.26
Stddev	.00007	.596	.00022	.00018	.00026	.00453	.00004	.22
%RSD	29.236	.73562	36.874	191.37	13.655	21.951	1.3445	.12830

#1	-.00030	81.431	-.00076	-.00003	.00209	-.02386	.00298	175.41
#2	-.00020	80.588	-.00045	.00023	.00172	-.01745	.00303	175.10

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00371	.00013	1054.1	.00099	.00023	62.019	.00105	.59393
Stddev	.00001	.00004	27.0	.00010	.00013	.444	.00019	.00069
%RSD	.14768	28.977	2.5629	10.356	58.422	.71648	18.411	.11694

#1	-.00371	.00011	1073.2	.00106	.00013	62.333	.00091	.59344
#2	-.00370	.00016	1035.0	.00091	.00032	61.705	.00119	.59443

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 142.05	1.9212	-.05097	-.00308	.03275	.0840	1.1544	6.8209
Stddev	.28	.0160	.00054	.00075	.00180	.0007	.0123	.0751
%RSD	.19724	.83552	1.0625	24.454	5.5052	.8219	1.0679	1.1008

#1	142.25	1.9326	-.05059	-.00361	.03403	.0835	1.1631	6.8740
#2	141.85	1.9099	-.05135	-.00254	.03148	.0845	1.1457	6.7678

Sample Name: J5722-05 Acquired: 11/1/2018 0:09:28 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.3130
 Stddev .3101
 %RSD 7.1903

#1 4.0937
 #2 4.5323

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3250.9	41017.	4203.5	87.124	3214.8
Stddev	14.6	194.	36.2	1.411	11.6
%RSD	.44824	.47275	.86211	1.6193	.36050

#1	3240.6	41154.	4177.9	88.122	3206.6
#2	3261.2	40880.	4229.1	86.127	3223.0

Sample Name: J5722-06 Acquired: 11/1/2018 0:13:36 Type: Unk
Method: P4-ICP2(v2535) 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	.00865	.00090	.00261	.00021	-.00304	.02062	.02651	.00016
Stddev	.00106	.00086	.00024	.00187	.00016	.00455	.00006	.00004
%RSD	12.229	96.190	9.2071	887.77	5.2206	22.065	.24328	24.163

#1	.00790	.00150	.00278	.00153	-.00315	.02384	.02646	.00013
#2	.00940	.00029	.00244	-.00111	-.00293	.01741	.02655	.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	75.747	-.00031	-.00006	.00094	-.02930	.00331	156.71
Stddev	.00000	1.220	.00009	.00006	.00049	.00602	.00001	1.13
%RSD	7.3550	1.6103	28.051	96.852	52.261	20.531	.33852	.72380

#1	-.00007	76.610	-.00038	-.00010	.00129	-.02505	.00330	155.91
#2	-.00006	74.885	-.00025	-.00002	.00060	-.03356	.00331	157.52

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00248	.00083	963.51	.00120	.00022	55.102	.00135	.53587
Stddev	.00022	.00063	15.76	.00071	.00005	.374	.00035	.00407
%RSD	8.9910	75.677	1.6359	58.878	21.330	.67908	25.640	.76019

#1	-.00264	.00038	974.65	.00070	.00018	55.367	.00110	.53875
#2	-.00232	.00127	952.36	.00170	.00025	54.838	.00159	.53299

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 127.26	1.9904	-.04509	-.00178	.02901	.0826	1.0401	6.9993
Stddev	1.98	.0132	.00050	.00123	.00034	.0018	.0036	.0563
%RSD	1.5563	.66107	1.1030	69.434	1.1572	2.232	.34543	.80443

#1	128.67	1.9997	-.04544	-.00265	.02924	.0839	1.0427	7.0391
#2	125.86	1.9811	-.04474	-.00091	.02877	.0813	1.0376	6.9595

Sample Name: J5722-06 Acquired: 11/1/2018 0:13:36 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.7274
 Stddev .4478
 %RSD 9.4720

#1 4.4108
 #2 5.0440

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3217.0	40879.	4169.5	87.120	3205.4
Stddev	37.2	59.	35.2	.323	39.7
%RSD	1.1578	.14327	.84446	.37111	1.2381

#1	3190.6	40837.	4144.6	87.349	3177.3
#2	3243.3	40920.	4194.4	86.891	3233.5

Sample Name: J5722-07 Acquired: 11/1/2018 0:17:45 Type: Unk
Method: P4-ICP2(v2535) 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	.00455	-.00147	.00344	.00135	-.00494	.02270	.02620	.00024
Stddev	.00774	.00005	.00003	.00248	.00113	.00246	.00093	.00004
%RSD	169.95	3.7104	.80057	183.29	22.907	10.837	3.5634	18.320

#1	-.00092	-.00143	.00346	.00311	-.00573	.02444	.02554	.00027
#2	.01002	-.00151	.00342	-.00040	-.00414	.02096	.02686	.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	83.254	-.00000	-.00001	.00097	-.02666	.00679	181.23
Stddev	.00002	.724	.00001	.00016	.00035	.00926	.00002	1.05
%RSD	8.8394	.86949	185.45	1928.7	36.297	34.728	.29510	.57906

#1	-.00022	83.766	-.00001	-.00012	.00121	-.03321	.00678	181.97
#2	-.00025	82.742	.00000	.00010	.00072	-.02011	.00681	180.49

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00305	-.00007	1103.4	.00138	.00077	64.078	.00156	.60757
Stddev	.00015	.00108	43.0	.00005	.00018	.701	.00040	.00924
%RSD	4.8833	1664.9	3.8932	3.3258	23.798	1.0939	25.513	1.5212

#1	-.00315	-.00083	1133.7	.00141	.00090	64.573	.00128	.60104
#2	-.00294	.00070	1073.0	.00134	.00064	63.582	.00185	.61411

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 146.71	1.9280	-.05313	-.00431	.03341	.0875	1.1939	6.8911
Stddev	.42	.0372	.00063	.00043	.00071	.0004	.0172	.2052
%RSD	.28445	1.9323	1.1908	9.9910	2.1332	.4641	1.4433	2.9785

#1	147.01	1.9543	-.05358	-.00400	.03291	.0872	1.2060	6.7459
#2	146.42	1.9016	-.05268	-.00461	.03392	.0878	1.1817	7.0362

Sample Name: J5722-07 Acquired: 11/1/2018 0:17:45 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.6103
Stddev	.4132
%RSD	8.9620

#1	4.9024
#2	4.3181

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3220.4	40411.	4155.9	85.824	3184.6
Stddev	4.1	15.	35.2	.836	10.9
%RSD	.12749	.03665	.84768	.97456	.34155

#1	3217.5	40422.	4131.0	85.233	3176.9
#2	3223.3	40401.	4180.8	86.415	3192.3

Sample Name: J5722-08 Acquired: 11/1/2018 0:21:54 Type: Unk
Method: P4-ICP2(v2535) 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	.00894	.00186	.00637	.00263	-.00042	.01421	.02741	.00050
Stddev	.00066	.00047	.00152	.00210	.00119	.00159	.00027	.00002
%RSD	7.3253	25.480	23.843	79.851	283.86	11.175	.97437	3.3528

#1	.00848	.00220	.00530	.00412	.00042	.01309	.02760	.00048
#2	.00941	.00153	.00745	.00115	-.00126	.01533	.02722	.00051

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	84.085	-.00029	.00028	.00153	-.01356	.00736	183.91
Stddev	.00006	.872	.00058	.00028	.00014	.00281	.00003	.43
%RSD	136.31	1.0365	198.43	100.74	9.4102	20.754	.36716	.23582

#1	.00009	84.701	-.00071	.00008	.00143	-.01157	.00738	184.22
#2	.00000	83.468	.00012	.00048	.00163	-.01554	.00735	183.60

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00303	.00080	1093.2	.00166	.00086	65.057	.00182	.62675
Stddev	.00049	.00030	29.6	.00014	.00004	.610	.00039	.00725
%RSD	16.093	38.023	2.7045	8.2698	5.0392	.93720	21.280	1.1570

#1	-.00338	.00102	1114.1	.00176	.00089	65.488	.00154	.63188
#2	-.00269	.00059	1072.3	.00157	.00083	64.625	.00209	.62162

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 149.76	1.9161	-.05345	-.00106	.03376	.0991	1.2070	7.4022
Stddev	.14	.0176	.00076	.00349	.00067	.0015	.0152	.3100
%RSD	.09437	.92106	1.4194	328.51	1.9756	1.526	1.2600	4.1882

#1	149.66	1.9286	-.05399	-.00353	.03329	.1002	1.2178	7.6215
#2	149.86	1.9037	-.05292	.00141	.03423	.0980	1.1963	7.1830

Sample Name: J5722-08 Acquired: 11/1/2018 0:21:54 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.1740
Stddev	.1346
%RSD	2.6005

#1	5.0789
#2	5.2691

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3218.4	40433.	4150.1	85.723	3182.3
Stddev	8.0	80.	73.8	2.369	14.0
%RSD	.24922	.19685	1.7773	2.7634	.44091

#1	3224.1	40376.	4098.0	84.048	3192.2
#2	3212.7	40489.	4202.3	87.398	3172.3

Sample Name: J5722-09 Acquired: 11/1/2018 0:26:04 Type: Unk
Method: P4-ICP2(v2535) 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	.00556	-.00156	.00412	.00313	-.00375	.10424	.02575	.00018
Stddev	.00199	.00244	.00066	.00120	.00108	.00307	.00002	.00004
%RSD	35.753	155.82	15.992	38.202	28.664	2.9437	.08011	24.417
#1	.00697	-.00329	.00365	.00229	-.00451	.10641	.02577	.00021
#2	.00415	.00016	.00458	.00398	-.00299	.10207	.02574	.00015
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	86.659	-.00061	.00010	.00101	-.03215	.00473	192.31
Stddev	.00004	.002	.00106	.00010	.00017	.00919	.00010	.22
%RSD	31.687	.00192	173.79	94.011	16.776	28.579	2.0404	.11647
#1	-.00014	86.661	-.00137	.00017	.00089	-.03865	.00466	192.15
#2	-.00009	86.658	.00014	.00003	.00113	-.02565	.00479	192.46
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00372	.00040	1117.9	.00120	.00445	68.717	.00163	.64855
Stddev	.00012	.00047	37.1	.00022	.00022	.183	.00038	.00549
%RSD	3.2090	117.35	3.3197	18.397	5.0129	.26624	23.236	.84673
#1	-.00380	.00007	1144.1	.00136	.00460	68.587	.00137	.64466
#2	-.00364	.00074	1091.6	.00105	.00429	68.846	.00190	.65243
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 157.44	1.9216	-.05671	-.00287	.03390	.0935	1.2670	6.9954
Stddev	.06	.0057	.00081	.00136	.00148	.0011	.0010	.0252
%RSD	.03571	.29615	1.4314	47.386	4.3706	1.187	.08325	.36073
#1	157.40	1.9256	-.05728	-.00383	.03494	.0943	1.2663	7.0133
#2	157.48	1.9176	-.05613	-.00191	.03285	.0927	1.2678	6.9776

Sample Name: J5722-09 Acquired: 11/1/2018 0:26:04 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.6017
Stddev	.4860
%RSD	10.561

#1	4.2580
#2	4.9453

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3216.1	40442.	4110.8	85.817	3159.4
Stddev	1.7	285.	16.9	.838	2.1
%RSD	.05438	.70535	.41074	.97675	.06568

#1	3214.8	40643.	4098.8	85.224	3160.9
#2	3217.3	40240.	4122.7	86.409	3157.9

Sample Name: CCV15 Acquired: 11/1/2018 0:30:13 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7546	4.6851	4.6931	4.7467	4.8426	F 8.9635	9.7989	.23926
Stddev	.0246	.0491	.0573	.0382	.0328	.0632	.1702	.00101
%RSD	.51752	1.0490	1.2216	.80385	.67809	.70477	1.7369	.42383

#1	4.7372	4.6504	4.6526	4.7198	4.8194	8.9189	9.9192	.23998
#2	4.7720	4.7199	4.7336	4.7737	4.8659	9.0082	9.6785	.23854

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3076	24.636	1.0924	2.3254	1.1933	4.9694	2.3983	22.886
Stddev	.0228	.461	.0010	.0239	.0068	.0701	.0050	.141
%RSD	.98787	1.8729	.09302	1.0268	.56813	1.4096	.20656	.61609

#1	2.2915	24.962	1.0931	2.3085	1.1885	5.0189	2.4018	22.986
#2	2.3237	24.310	1.0917	2.3423	1.1981	4.9198	2.3948	22.786

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2988	1.1617	F 21.150	2.5681	F 3.1209	25.241	4.8280	F 4.4049
Stddev	.0229	.0002	.116	.0022	.0716	.487	.0334	.0406
%RSD	.99663	.01750	.54762	.08355	2.2951	1.9302	.69225	.92204

#1	2.2826	1.1615	21.232	2.5696	3.1716	25.585	4.8043	4.4336
#2	2.3150	1.1618	21.069	2.5665	3.0703	24.896	4.8516	4.3762

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6925	5.2524	4.6129	4.7282	5.0450	4.607	4.7871	F 3.4426
Stddev	.0314	.1358	.0441	.0387	.0990	.041	.0838	.2830
%RSD	.66804	2.5861	.95677	.81800	1.9625	.8924	1.7510	8.2209

#1	4.6704	5.3485	4.5817	4.7556	5.1150	4.578	4.8463	3.6427
#2	4.7147	5.1564	4.6441	4.7009	4.9750	4.636	4.7278	3.2425

Sample Name: CCV15 Acquired: 11/1/2018 0:30:13 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3850
Stddev .1263
%RSD 5.2974

#1 2.4744
#2 2.2957

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3797.4	48424.	4500.3	91.913	3984.0
Stddev	18.1	156.	105.4	2.257	28.8
%RSD	.47747	.32217	2.3417	2.4561	.72302

#1	3810.3	48314.	4425.8	90.317	4004.3
#2	3784.6	48535.	4574.8	93.509	3963.6

Sample Name: CCB15 Acquired: 11/1/2018 0:33:59 Type: Unk
Method: P4-ICP2(v2535) 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	.00195	-.00012	.00012	.00105	.00010	.00373	.00136	.00010
Stddev	.00027	.00036	.00037	.00009	.00152	.00162	.00008	.00006
%RSD	13.943	294.66	316.47	8.1697	1513.3	43.613	5.5439	65.299

#1	.00176	-.00038	.00038	.00111	.00117	.00487	.00131	.00005
#2	.00214	.00013	-.00014	.00099	-.00097	.00258	.00142	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00491	.00022	.00023	-.00022	-.01058	-.00003	.00344
Stddev	.00006	.00333	.00004	.00008	.00036	.00918	.00003	.04648
%RSD	187.35	67.877	17.445	32.898	163.03	86.808	97.466	1350.4

#1	.00007	.00727	.00025	.00018	.00003	-.01707	-.00001	-.02942
#2	-.00001	.00255	.00020	.00028	-.00048	-.00408	-.00006	.03631

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	.00005	F .52773	-.00013	-.00065	-.10846	.00049	.00939
Stddev	.00006	.00023	.04175	.00039	.00004	.01609	.00011	.00406
%RSD	24.118	424.84	7.9115	291.58	6.8322	14.838	23.414	43.254

#1	.00019	.00022	.55725	-.00041	-.00062	-.09708	.00057	.00652
#2	.00027	-.00011	.49821	.00014	-.00069	-.11984	.00041	.01226

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .03413	.01183	.00014	-.00069	F .00811	-.0021	-.00007	F 2.1906
Stddev	.00083	.00174	.00046	.00166	.00142	.0010	.00008	.3649
%RSD	2.4391	14.713	339.36	240.20	17.475	47.89	108.58	16.655

#1	.03471	.01306	-.00019	-.00187	.00911	-.0014	-.00013	1.9326
#2	.03354	.01060	.00047	.00048	.00711	-.0029	-.00002	2.4486

Sample Name: CCB15 Acquired: 11/1/2018 0:33:59 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .01968
Stddev	.52772
%RSD	2681.7

#1	-.35347
#2	.39283

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3769.1	48697.	4342.8	91.058	4286.6
Stddev	6.5	72.	43.5	.872	13.0
%RSD	.17151	.14759	1.0023	.95774	.30288

#1	3764.5	48747.	4312.0	90.442	4277.4
#2	3773.7	48646.	4373.5	91.675	4295.8

Sample Name: J5722-10 Acquired: 11/1/2018 0:38:06 Type: Unk
Method: P4-ICP2(v2535) 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	.01036	.00039	.00345	.00241	-.00381	-.00425	.02546	.00017
Stddev	.00035	.00003	.00129	.00054	.00001	.00181	.00039	.00003
%RSD	3.3611	7.1080	37.261	22.551	.33598	42.661	1.5154	17.728

#1	.01011	.00037	.00436	.00280	-.00380	-.00297	.02573	.00019
#2	.01061	.00041	.00254	.00203	-.00382	-.00554	.02519	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	86.766	-.00047	-.00010	.00097	-.03007	.00443	193.01
Stddev	.00003	.477	.00006	.00028	.00007	.01818	.00006	1.27
%RSD	15.061	.54983	13.218	269.01	7.1653	60.465	1.4617	.65625

#1	-.00020	86.428	-.00051	-.00030	.00102	-.01721	.00448	193.90
#2	-.00024	87.103	-.00042	.00009	.00092	-.04292	.00439	192.11

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00349	.00016	1224.4	.00100	.00115	68.389	.00158	.62850
Stddev	.00036	.00044	14.0	.00043	.00003	.441	.00047	.00848
%RSD	10.408	272.57	1.1411	43.205	2.4365	.64525	29.533	1.3500

#1	-.00375	.00048	1234.3	.00131	.00117	68.077	.00125	.62250
#2	-.00324	-.00015	1214.6	.00069	.00113	68.701	.00191	.63449

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 158.35	1.9290	-.05621	-.00517	.03508	.0914	1.2658	6.9168
Stddev	.31	.0071	.00004	.00084	.00294	.0005	.0063	.0828
%RSD	.19695	.36986	.06506	16.225	8.3711	.5651	.50027	1.1972

#1	158.57	1.9239	-.05624	-.00458	.03301	.0918	1.2613	6.9753
#2	158.12	1.9340	-.05619	-.00577	.03716	.0911	1.2703	6.8582

Sample Name: J5722-10 Acquired: 11/1/2018 0:38:06 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.8207
Stddev .3044
%RSD 6.3144

#1 4.6055
#2 5.0360

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3239.1	40613.	4118.7	83.492	3178.9
Stddev	7.0	108.	32.0	1.377	2.4
%RSD	.21579	.26711	.77618	1.6491	.07515

#1	3244.0	40536.	4141.3	84.466	3180.6
#2	3234.2	40690.	4096.1	82.519	3177.2

Sample Name: J5730-02 Acquired: 11/1/2018 0:42:15 Type: Unk
Method: P4-ICP2(v2535) 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	.00436	-.00055	.00361	-.00309	-.00421	-.00639	.02941	.00019
Stddev	.00086	.00035	.00087	.00281	.00176	.00509	.00280	.00003
%RSD	19.634	63.066	24.040	91.011	41.698	79.777	9.5193	17.869
#1	.00375	-.00031	.00422	-.00110	-.00297	-.00999	.03139	.00021
#2	.00496	-.00080	.00299	-.00508	-.00545	-.00278	.02743	.00017
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	80.273	-.00025	-.00008	.00142	-.02107	.00369	166.89
Stddev	.00009	5.818	.00019	.00003	.00010	.00896	.00000	11.18
%RSD	45.264	7.2481	75.509	43.971	6.8935	42.539	.07100	6.7008
#1	-.00014	84.387	-.00012	-.00005	.00149	-.01473	.00369	174.79
#2	-.00027	76.159	-.00038	-.00010	.00135	-.02741	.00369	158.98
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00328	.00084	1061.1	.00055	.00081	58.828	.00139	.55752
Stddev	.00037	.00027	76.8	.00008	.00030	3.865	.00041	.02575
%RSD	11.318	32.541	7.2415	14.551	36.719	6.5698	29.537	4.6186
#1	-.00354	.00065	1115.4	.00049	.00102	61.561	.00110	.57573
#2	-.00301	.00103	1006.7	.00061	.00060	56.095	.00168	.53931
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 130.66	2.1245	-.04604	-.00286	.02843	.0847	1.1127	6.4323
Stddev	.85	.1299	.00054	.00143	.00257	.0032	.0749	.4767
%RSD	.64816	6.1131	1.1684	50.089	9.0288	3.723	6.7339	7.4103
#1	131.26	2.2164	-.04566	-.00388	.03025	.0869	1.1657	6.7693
#2	130.07	2.0327	-.04642	-.00185	.02662	.0824	1.0597	6.0952

Sample Name: J5730-02 Acquired: 11/1/2018 0:42:15 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.0091
Stddev	.3848
%RSD	7.6812

#1	5.2812
#2	4.7370

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3251.4	41751.	4011.2	82.280	3225.4
Stddev	2.8	614.	246.1	7.416	13.2
%RSD	.08724	1.4706	6.1362	9.0129	.41000

#1	3249.4	41317.	3837.2	77.036	3216.1
#2	3253.4	42186.	4185.3	87.523	3234.8

Sample Name: J5730-03 Acquired: 11/1/2018 0:46:24 Type: Unk
Method: P4-ICP2(v2535) 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	.00803	-.00027	.00359	.00052	-.00396	.00685	.02573	.00017
Stddev	.00009	.00070	.00036	.00059	.00035	.03150	.00011	.00001
%RSD	1.1729	258.41	9.9509	113.30	8.9629	460.05	.43080	6.2389
#1	.00810	.00022	.00384	.00010	-.00421	-.01543	.02581	.00018
#2	.00797	-.00076	.00334	.00093	-.00371	.02912	.02565	.00016
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	91.387	-.00074	-.00001	.00118	-.02272	.00374	204.11
Stddev	.00000	.338	.00021	.00016	.00031	.00464	.00001	.33
%RSD	2.1256	.37000	28.284	1450.1	26.050	20.413	.26585	.16370
#1	-.00016	91.626	-.00089	-.00012	.00096	-.01944	.00374	204.35
#2	-.00015	91.148	-.00059	.00010	.00139	-.02600	.00373	203.87
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00401	.00056	1226.6	.00120	.00039	73.885	.00135	.68269
Stddev	.00007	.00027	31.6	.00045	.00013	.062	.00005	.00541
%RSD	1.6967	48.805	2.5730	37.332	34.305	.08400	4.0675	.79301
#1	-.00396	.00037	1248.9	.00088	.00048	73.929	.00131	.67886
#2	-.00405	.00075	1204.3	.00152	.00029	73.841	.00138	.68652
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 168.64	1.9956	-.06164	-.00244	.03704	.0902	1.3498	7.4840
Stddev	1.06	.0034	.00009	.00031	.00068	.0012	.0027	.1424
%RSD	.62855	.17115	.14199	12.534	1.8241	1.307	.20136	1.9021
#1	169.39	1.9932	-.06171	-.00222	.03752	.0893	1.3517	7.3833
#2	167.89	1.9980	-.06158	-.00265	.03656	.0910	1.3478	7.5846

Sample Name: J5730-03 Acquired: 11/1/2018 0:46:24 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.1962
Stddev .2200
%RSD 4.2328

#1 5.3517
#2 5.0407

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3199.9	40135.	4083.8	83.562	3141.8
Stddev	2.4	39.	13.1	.065	7.8
%RSD	.07387	.09821	.32100	.07752	.24822

#1	3201.6	40107.	4074.6	83.517	3136.3
#2	3198.3	40163.	4093.1	83.608	3147.3

Sample Name: J5730-04 Acquired: 11/1/2018 0:50:33 Type: Unk
Method: P4-ICP2(v2535) 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	.00687	-.00117	.00462	.00104	-.00411	-.00707	.02847	.00020
Stddev	.00153	.00071	.00179	.00172	.00093	.00768	.00054	.00002
%RSD	22.303	60.756	38.671	165.55	22.615	108.64	1.9136	10.728

#1	.00796	-.00168	.00588	-.00018	-.00477	-.00164	.02808	.00022
#2	.00579	-.00067	.00336	.00226	-.00345	-.01251	.02885	.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	75.150	-.00070	.00009	.00097	-.01184	.00434	147.83
Stddev	.00005	.683	.00019	.00013	.00024	.01680	.00008	.42
%RSD	22.432	.90903	27.276	144.96	24.872	141.96	1.9580	.28234

#1	-.00020	74.666	-.00084	.00018	.00080	.00004	.00428	148.13
#2	-.00027	75.633	-.00057	-.00000	.00114	-.02372	.00440	147.54

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00349	.00050	980.37	.00076	.00021	52.435	.00112	.50844
Stddev	.00050	.00037	4.75	.00041	.00011	.268	.00052	.00374
%RSD	14.195	74.229	.48500	53.792	54.948	.51075	46.756	.73653

#1	-.00314	.00024	977.01	.00047	.00013	52.246	.00148	.50579
#2	-.00384	.00077	983.73	.00106	.00029	52.625	.00075	.51108

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 118.14	2.1817	-.04245	-.00126	.02774	.0802	.99830	6.8372
Stddev	.03	.0215	.00087	.00050	.00024	.0012	.00498	.3388
%RSD	.02436	.98512	2.0474	39.324	.87434	1.556	.49910	4.9552

#1	118.16	2.1665	-.04183	-.00161	.02757	.0793	.99478	7.0767
#2	118.12	2.1969	-.04306	-.00091	.02791	.0810	1.0018	6.5976

Sample Name: J5730-04 Acquired: 11/1/2018 0:50:33 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.8899
Stddev .1267
%RSD 2.5903

#1 4.8004
#2 4.9795

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3213.8	40409.	4000.2	83.165	3210.3
Stddev	3.2	52.	26.0	2.712	2.7
%RSD	.09989	.12857	.65017	3.2615	.08521

#1	3216.1	40446.	4018.6	85.083	3212.2
#2	3211.6	40372.	3981.8	81.247	3208.3

Sample Name: J5730-05 Acquired: 11/1/2018 0:54:42 Type: Unk
Method: P4-ICP2(v2535) 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	.00838	-.00084	.00267	-.00031	-.00299	-.00209	.02726	.00015
Stddev	.00115	.00010	.00007	.00171	.00110	.00006	.00077	.00004
%RSD	13.685	12.218	2.6322	552.12	36.699	3.0570	2.8410	23.397

#1	.00920	-.00091	.00272	.00090	-.00377	-.00214	.02671	.00013
#2	.00757	-.00077	.00263	-.00152	-.00221	-.00205	.02781	.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	64.889	-.00048	-.00016	.00117	-.02131	.00574	118.69
Stddev	.00005	.507	.00042	.00018	.00043	.00551	.00001	.16
%RSD	19.546	.78121	88.240	113.67	36.558	25.855	.17121	.13416

#1	-.00022	64.530	-.00078	-.00029	.00087	-.02521	.00574	118.58
#2	-.00028	65.247	-.00018	-.00003	.00147	-.01741	.00575	118.80

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00243	.00023	786.76	.00081	.00011	42.112	.00102	.39313
Stddev	.00008	.00027	18.11	.00037	.00017	.262	.00001	.00148
%RSD	3.1575	117.44	2.3016	46.010	152.58	.62149	1.1866	.37599

#1	-.00249	.00004	773.95	.00107	-.00001	41.927	.00102	.39418
#2	-.00238	.00042	799.56	.00055	.00023	42.297	.00101	.39209

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 94.350	2.1641	-.03364	-.00106	.02227	.0727	.82285	6.4973
Stddev	.396	.0191	.00042	.00109	.00102	.0011	.00346	.4752
%RSD	.41952	.88353	1.2343	103.48	4.5650	1.558	.42008	7.3145

#1	94.630	2.1506	-.03393	-.00028	.02155	.0719	.82041	6.1613
#2	94.070	2.1776	-.03335	-.00183	.02299	.0735	.82530	6.8334

Sample Name: J5730-05 Acquired: 11/1/2018 0:54:42 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.1914
Stddev .0905
%RSD 2.1581

#1 4.1274
#2 4.2553

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3339.5	42074.	4144.3	85.570	3365.8
Stddev	11.8	4.	21.3	.294	26.6
%RSD	.35205	.00934	.51350	.34349	.78904

#1	3331.1	42071.	4159.4	85.777	3347.0
#2	3347.8	42076.	4129.3	85.362	3384.6

Sample Name: J5730-06 Acquired: 11/1/2018 0:58:51 Type: Unk
Method: P4-ICP2(v2535) 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	.00640	-.00011	.00427	-.00123	-.00249	-.00315	.02667	.00020
Stddev	.00115	.00062	.00131	.00039	.00090	.01265	.00028	.00011
%RSD	17.910	580.30	30.740	31.670	36.100	401.35	1.0344	56.692

#1	.00721	.00033	.00334	-.00151	-.00312	.00579	.02686	.00012
#2	.00559	-.00054	.00520	-.00096	-.00185	-.01209	.02647	.00028

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	76.366	-.00055	.00013	.00126	-.01741	.00365	156.67
Stddev	.00008	.633	.00016	.00011	.00028	.00764	.00001	1.06
%RSD	36.359	.82836	28.449	81.949	22.187	43.867	.37178	.67523

#1	-.00028	75.919	-.00066	.00006	.00146	-.01201	.00364	157.42
#2	-.00016	76.813	-.00044	.00021	.00107	-.02281	.00366	155.92

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00373	.00024	996.57	.00168	.00027	55.648	.00102	.52066
Stddev	.00024	.00000	31.79	.00023	.00011	.412	.00014	.00344
%RSD	6.5498	1.0552	3.1896	13.775	40.361	.73952	13.515	.66151

#1	-.00356	.00024	1019.0	.00185	.00034	55.357	.00112	.52309
#2	-.00390	.00024	974.09	.00152	.00019	55.939	.00092	.51822

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 126.48	2.0650	-.04612	-.00285	.02782	.0814	1.0487	7.1269
Stddev	.39	.0321	.00024	.00024	.00219	.0001	.0052	.2000
%RSD	.30945	1.5569	.52604	8.4888	7.8734	.0752	.49895	2.8063

#1	126.76	2.0422	-.04630	-.00302	.02937	.0813	1.0450	6.9855
#2	126.21	2.0877	-.04595	-.00268	.02628	.0814	1.0524	7.2683

Sample Name: J5730-06 Acquired: 11/1/2018 0:58:51 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.5570
Stddev .0122
%RSD .26774

#1 4.5656
#2 4.5483

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3264.8	40900.	4084.4	84.020	3239.4
Stddev	1.0	89.	29.8	.111	3.6
%RSD	.02922	.21669	.72844	.13181	.11226

#1	3265.5	40838.	4105.5	83.942	3236.8
#2	3264.2	40963.	4063.4	84.098	3242.0

Sample Name: J5730-07 Acquired: 11/1/2018 1:03:00 Type: Unk
Method: P4-ICP2(v2535) 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	.00601	.00039	.00233	-.00200	-.00201	.00595	.02725	.00012
Stddev	.00095	.00074	.00009	.00062	.00079	.01801	.00032	.00002
%RSD	15.735	189.42	3.7198	31.243	39.353	302.68	1.1843	13.434
#1	.00534	.00092	.00226	-.00244	-.00145	-.00679	.02748	.00013
#2	.00667	-.00013	.00239	-.00156	-.00257	.01869	.02702	.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	72.044	-.00074	.00013	.00105	-.02699	.00407	141.76
Stddev	.00012	.983	.00029	.00031	.00119	.00488	.00002	.62
%RSD	74.555	1.3642	39.197	230.75	112.74	18.095	.59977	.43851
#1	-.00008	72.738	-.00053	.00035	.00189	-.02354	.00409	142.20
#2	-.00025	71.349	-.00094	-.00008	.00021	-.03044	.00405	141.32
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00367	.00093	918.46	.00118	.00006	50.398	.00129	.48997
Stddev	.00066	.00063	45.30	.00008	.00001	.450	.00011	.00535
%RSD	17.912	67.971	4.9319	6.9753	22.698	.89328	8.2048	1.0911
#1	-.00414	.00048	950.49	.00112	.00006	50.716	.00136	.48619
#2	-.00321	.00137	886.43	.00123	.00005	50.079	.00121	.49375
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 114.92	2.1024	-.04099	-.00188	.02712	.0786	.96077	6.7845
Stddev	.13	.0392	.00023	.00005	.00132	.0023	.00607	.6715
%RSD	.11440	1.8650	.56043	2.7572	4.8807	2.933	.63132	9.8976
#1	115.01	2.1301	-.04083	-.00192	.02806	.0802	.96506	6.3097
#2	114.83	2.0747	-.04116	-.00185	.02618	.0770	.95648	7.2594

Sample Name: J5730-07 Acquired: 11/1/2018 1:03:00 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.2302
Stddev .4184
%RSD 9.8900

#1 4.5260
#2 3.9344

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3276.5	41198.	4089.3	82.648	3278.3
Stddev	8.6	150.	33.5	1.311	.4
%RSD	.26141	.36439	.82038	1.5865	.01290

#1	3282.5	41092.	4065.6	81.721	3278.6
#2	3270.4	41304.	4113.1	83.575	3278.0

Sample Name: J5730-08 Acquired: 11/1/2018 1:07:10 Type: Unk
Method: P4-ICP2(v2535) 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	.00788	.00090	.00487	.00088	-.00231	.01880	.02941	.00044
Stddev	.00061	.00223	.00076	.00432	.00284	.00690	.00024	.00004
%RSD	7.7715	247.13	15.503	493.37	122.79	36.731	.80311	8.8197
#1	.00831	.00248	.00434	-.00218	-.00432	.02368	.02924	.00041
#2	.00745	-.00067	.00541	.00393	-.00030	.01392	.02958	.00046
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	69.400	-.00021	.00023	.00117	-.01590	.00583	128.29
Stddev	.00006	1.365	.00024	.00024	.00033	.01532	.00005	1.32
%RSD	123.47	1.9668	112.44	100.88	28.476	96.349	.87349	1.0306
#1	-.00001	70.366	-.00004	.00040	.00140	-.00507	.00579	129.23
#2	-.00009	68.435	-.00038	.00007	.00093	-.02673	.00586	127.36
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00288	.00047	856.56	.00104	.00036	45.368	.00156	.42844
Stddev	.00011	.00035	12.01	.00006	.00001	.655	.00018	.00040
%RSD	3.6922	75.180	1.4024	5.9480	1.9825	1.4448	11.427	.09318
#1	-.00295	.00022	865.05	.00099	.00037	45.832	.00143	.42872
#2	-.00280	.00072	848.06	.00108	.00036	44.905	.00168	.42816
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 103.45	2.2866	-.03660	-.00013	.02489	.0834	.88711	7.1043
Stddev	.31	.0197	.00049	.00243	.00223	.0015	.01117	.0964
%RSD	.30112	.86240	1.3319	1829.0	8.9440	1.757	1.2589	1.3575
#1	103.67	2.3005	-.03625	.00158	.02332	.0824	.89501	7.0361
#2	103.23	2.2726	-.03694	-.00185	.02647	.0844	.87921	7.1725

Sample Name: J5730-08 Acquired: 11/1/2018 1:07:10 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.3172
Stddev	.4849
%RSD	11.232

#1	4.6601
#2	3.9743

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3181.6	39959.	3951.3	79.793	3177.1
Stddev	5.1	57.	68.9	.954	.3
%RSD	.16162	.14374	1.7428	1.1958	.01077

#1	3177.9	40000.	3902.6	79.118	3177.3
#2	3185.2	39918.	3999.9	80.468	3176.8

Sample Name: J5731-02 Acquired: 11/1/2018 1:11:19 Type: Unk
Method: P4-ICP2(v2535) 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	.00681	.00045	.00470	.00374	-.00293	-.00574	.02681	.00010
Stddev	.00181	.00128	.00061	.00104	.00068	.00167	.00018	.00010
%RSD	26.580	288.68	12.975	27.789	23.096	29.089	.66888	106.75

#1	.00809	-.00046	.00513	.00301	-.00245	-.00456	.02669	.00017
#2	.00553	.00135	.00426	.00448	-.00341	-.00692	.02694	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	68.313	.00001	.00003	.00096	-.02190	.00459	130.08
Stddev	.00007	.388	.00034	.00004	.00042	.00369	.00002	.31
%RSD	35.800	.56838	2393.2	129.35	44.266	16.830	.45468	.23956

#1	-.00023	68.038	.00025	.00006	.00126	-.01930	.00458	130.30
#2	-.00014	68.587	-.00023	.00000	.00066	-.02451	.00461	129.86

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00280	-.00001	857.55	.00149	.00022	46.295	.00100	.44304
Stddev	.00004	.00053	23.46	.00047	.00015	.166	.00036	.00041
%RSD	1.3157	9072.9	2.7355	31.364	70.554	.35786	35.750	.09187

#1	-.00277	-.00038	840.96	.00116	.00011	46.177	.00125	.44333
#2	-.00282	.00037	874.14	.00182	.00033	46.412	.00074	.44275

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 104.82	2.1200	-.03754	-.00279	.02406	.0763	.89488	6.4154
Stddev	.47	.0156	.00019	.00131	.00138	.0014	.00315	.1215
%RSD	.44770	.73766	.51725	46.920	5.7241	1.826	.35192	1.8944

#1	105.15	2.1089	-.03741	-.00371	.02503	.0773	.89710	6.5013
#2	104.49	2.1311	-.03768	-.00186	.02309	.0753	.89265	6.3294

Sample Name: J5731-02 Acquired: 11/1/2018 1:11:19 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.5855
Stddev	.4249
%RSD	9.2655

#1	4.8860
#2	4.2851

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3322.7	41814.	4161.0	83.214	3322.5
Stddev	7.9	37.	16.1	1.783	2.9
%RSD	.23690	.08762	.38667	2.1424	.08849

#1	3328.3	41839.	4172.4	84.475	3320.4
#2	3317.2	41788.	4149.6	81.953	3324.5

Sample Name: J5731-03 Acquired: 11/1/2018 1:15:28 Type: Unk
Method: P4-ICP2(v2535) 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	.00663	-.00046	.00401	.00202	-.00219	.01240	.02504	.00019
Stddev	.00119	.00015	.00002	.00271	.00149	.00711	.00061	.00002
%RSD	17.905	32.363	.59065	134.56	68.064	57.327	2.4355	11.492

#1	.00747	-.00056	.00399	.00010	-.00114	.00738	.02547	.00017
#2	.00579	-.00035	.00403	.00394	-.00325	.01743	.02461	.00020

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	64.201	-.00055	.00001	.00100	.00105	.00479	119.74
Stddev	.00005	.454	.00003	.00001	.00048	.00042	.00033	.15
%RSD	29.569	.70708	5.3462	116.55	47.685	39.913	6.8649	.12183

#1	-.00012	63.880	-.00057	.00000	.00134	.00135	.00502	119.84
#2	-.00019	64.522	-.00053	.00002	.00066	.00076	.00456	119.64

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00317	.00046	802.98	.00080	.00099	42.157	.00053	.40500
Stddev	.00044	.00001	9.72	.00006	.00008	.110	.00023	.00881
%RSD	13.829	1.8551	1.2103	7.4816	7.8038	.26088	43.314	2.1747

#1	-.00286	.00045	809.85	.00076	.00104	42.080	.00069	.39877
#2	-.00348	.00046	796.10	.00084	.00093	42.235	.00037	.41123

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 97.069	2.1415	-.03508	-.00406	.02118	.0738	.82666	5.5464
Stddev	.122	.0345	.00111	.00195	.00072	.0025	.00010	.3805
%RSD	.12608	1.6123	3.1755	48.164	3.3931	3.453	.01149	6.8604

#1	96.982	2.1659	-.03429	-.00268	.02067	.0756	.82660	5.8154
#2	97.155	2.1171	-.03587	-.00544	.02169	.0720	.82673	5.2773

Sample Name: J5731-03 Acquired: 11/1/2018 1:15:28 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.5949
Stddev	.1045
%RSD	2.2745

#1	4.5210
#2	4.6688

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3347.5	43658.	4235.5	85.499	3359.3
Stddev	12.6	2146.	4.3	1.178	1.3
%RSD	.37605	4.9154	.10240	1.3778	.03928

#1	3356.4	42140.	4232.5	84.666	3360.3
#2	3338.6	45175.	4238.6	86.332	3358.4

Sample Name: CCV16 Acquired: 11/1/2018 1:19:37 Type: Unk
Method: P4-ICP2(v2535) 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	5.0365	4.9959	4.9937	5.0426	5.1193	9.3353	10.289	.25325
Stddev	.0090	.0225	.0142	.0288	.0164	.0948	.097	.00118
%RSD	.17907	.44959	.28516	.57161	.32036	1.0155	.94572	.46771

#1	5.0301	4.9800	4.9836	5.0222	5.1077	9.4023	10.221	.25409
#2	5.0429	5.0118	5.0038	5.0629	5.1309	9.2682	10.358	.25242

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4566	25.800	F 1.1588	2.4743	1.2686	5.1882	2.5360	23.641
Stddev	.0073	.069	.0010	.0072	.0049	.1356	.0049	.093
%RSD	.29887	.26870	.09070	.29008	.38232	2.6137	.19489	.39399

#1	2.4514	25.751	1.1595	2.4692	1.2652	5.0923	2.5395	23.707
#2	2.4618	25.849	1.1580	2.4794	1.2721	5.2841	2.5325	23.575

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4543	1.2213	22.566	2.7154	F 3.3420	26.546	5.1177	4.5573
Stddev	.0074	.0027	.411	.0053	.1076	.358	.0164	.0073
%RSD	.30052	.22055	1.8228	.19633	3.2182	1.3502	.32043	.16074

#1	2.4490	1.2232	22.275	2.7192	3.2660	26.292	5.1061	4.5625
#2	2.4595	1.2194	22.857	2.7117	3.4181	26.799	5.1293	4.5521

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9763	F 5.5644	4.9084	4.9013	5.3164	4.911	5.0231	F 4.4450
Stddev	.0079	.0466	.0107	.0126	.0487	.019	.0509	.0103
%RSD	.15807	.83772	.21890	.25670	.91608	.3914	1.0139	.23201

#1	4.9708	5.5315	4.9008	4.8924	5.2820	4.897	4.9871	4.4377
#2	4.9819	5.5974	4.9160	4.9102	5.3508	4.924	5.0591	4.4523

Sample Name: CCV16 Acquired: 11/1/2018 1:19:37 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.0925
 Stddev .3573
 %RSD 17.076

#1 2.3452
 #2 1.8399

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3605.5	46325.	4297.5	86.205	3773.0
Stddev	4.3	186.	32.9	2.639	1.2
%RSD	.11962	.40228	.76440	3.0617	.03219

#1	3608.6	46194.	4320.7	88.071	3773.8
#2	3602.5	46457.	4274.3	84.339	3772.1

Sample Name: CCB16 Acquired: 11/1/2018 1:23:24 Type: Unk
Method: P4-ICP2(v2535) 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	.00356	.00011	-.00019	-.00058	-.00045	.00748	.00218	.00000
Stddev	.00063	.00087	.00038	.00266	.00042	.00559	.00033	.00001
%RSD	17.759	782.92	200.94	460.23	93.083	74.834	15.104	248.49
#1	.00311	-.00050	.00008	.00131	-.00016	.01143	.00195	.00001
#2	.00401	.00072	-.00046	-.00246	-.00075	.00352	.00241	-.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.01120	.00034	.00024	-.00026	.00774	-.00005	-.03202
Stddev	.00012	.00393	.00039	.00005	.00036	.00024	.00002	.06100
%RSD	235.26	35.109	113.14	22.565	137.50	3.0692	30.267	190.51
#1	.00013	-.01398	.00007	.00028	-.00052	.00757	-.00004	.01111
#2	-.00003	-.00842	.00062	.00020	-.00001	.00791	-.00007	-.07515
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	.00009	.49625	-.00030	-.00070	-.10357	.00066	.01340
Stddev	.00030	.00008	.00563	.00005	.00002	.00671	.00005	.00735
%RSD	149.00	95.697	1.1337	18.186	2.7936	6.4770	7.9651	54.841
#1	-.00001	.00003	.50023	-.00034	-.00069	-.10831	.00069	.00821
#2	.00041	.00015	.49227	-.00026	-.00071	-.09883	.00062	.01860
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .03439	.01283	-.00021	.00162	F .00557	-.0009	-.00013	F 2.5788
Stddev	.00459	.00401	.00041	.00052	.00052	.0007	.00002	.5322
%RSD	13.352	31.230	196.62	32.189	9.3654	75.58	17.094	20.635
#1	.03764	.01566	.00008	.00125	.00594	-.0004	-.00012	2.9551
#2	.03114	.00999	-.00050	.00199	.00520	-.0014	-.00015	2.2025

Sample Name: CCB16 Acquired: 11/1/2018 1:23:24 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .47117
Stddev .41978
%RSD 89.093

#1 .17434
#2 .76800

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3793.1	48095.	4296.3	90.354	4291.7
Stddev	86.9	298.	.7	.713	101.6
%RSD	2.2919	.61950	.01556	.78912	2.3675

#1	3731.6	47884.	4295.8	89.850	4219.9
#2	3854.5	48305.	4296.8	90.858	4363.6

Sample Name: J5731-04 Acquired: 11/1/2018 1:27:31 Type: Unk
Method: P4-ICP2(v2535) 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	.00682	-.00143	.00298	-.00240	-.00223	.01638	.02675	.00017
Stddev	.00231	.00094	.00067	.00104	.00027	.00240	.00024	.00009
%RSD	33.945	65.890	22.644	43.161	12.280	14.628	.89041	49.299

#1	.00845	-.00209	.00346	-.00167	-.00204	.01808	.02692	.00023
#2	.00518	-.00076	.00250	-.00314	-.00243	.01469	.02658	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	62.124	.00001	.00005	.00141	-.00225	.00402	106.97
Stddev	.00006	.124	.00031	.00037	.00003	.00994	.00002	.49
%RSD	41.527	.19954	2195.3	695.15	1.9656	442.31	.51117	.45828

#1	-.00010	62.211	-.00021	.00032	.00143	.00478	.00404	107.31
#2	-.00018	62.036	.00023	-.00021	.00139	-.00928	.00401	106.62

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00258	.00020	795.32	.00051	.00089	37.955	.00088	.36418
Stddev	.00016	.00018	13.54	.00031	.00010	.051	.00014	.00251
%RSD	6.2137	89.115	1.7025	60.747	10.680	.13559	15.636	.68819

#1	-.00270	.00032	804.89	.00072	.00096	37.919	.00078	.36241
#2	-.00247	.00007	785.75	.00029	.00082	37.992	.00097	.36595

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 86.072	2.2161	-.03141	-.00129	.02021	.0703	.76071	5.6306
Stddev	.266	.0061	.00024	.00182	.00078	.0002	.00150	.4085
%RSD	.30899	.27616	.76692	141.32	3.8662	.2209	.19656	7.2548

#1	85.884	2.2204	-.03158	-.00258	.02076	.0704	.75966	5.3418
#2	86.260	2.2117	-.03124	-.00000	.01966	.0702	.76177	5.9194

Sample Name: J5731-04 Acquired: 11/1/2018 1:27:31 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.4866
Stddev	.4063
%RSD	9.0547

#1	4.1993
#2	4.7739

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3402.2	42805.	4151.7	83.314	3415.2
Stddev	2.9	123.	13.1	2.619	9.7
%RSD	.08657	.28723	.31478	3.1429	.28499

#1	3404.3	42892.	4142.4	81.463	3422.0
#2	3400.1	42718.	4160.9	85.166	3408.3

Sample Name: J5731-05 Acquired: 11/1/2018 1:31:40 Type: Unk
Method: P4-ICP2(v2535) 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	.00717	.00073	.00231	.00076	-.00190	-.00080	.02670	.00021
Stddev	.00018	.00169	.00070	.00246	.00024	.00451	.00064	.00001
%RSD	2.4850	231.85	30.489	323.31	12.477	562.01	2.3978	5.2981
#1	.00730	.00193	.00280	.00250	-.00207	.00239	.02715	.00020
#2	.00705	-.00047	.00181	-.00098	-.00173	-.00399	.02624	.00022
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	62.035	-.00009	-.00030	.00115	-.00898	.00480	107.00
Stddev	.00003	.124	.00024	.00003	.00001	.00597	.00008	.18
%RSD	20.082	.20035	268.68	8.8077	.79678	66.470	1.7647	.16466
#1	-.00014	62.122	.00008	-.00032	.00114	-.00476	.00486	107.12
#2	-.00018	61.947	-.00026	-.00028	.00116	-.01320	.00474	106.87
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00325	.00082	781.53	.00065	.00016	37.924	.00094	.35903
Stddev	.00009	.00008	14.51	.00022	.00014	.066	.00005	.00491
%RSD	2.7797	9.7358	1.8568	33.396	92.255	.17304	5.7807	1.3677
#1	-.00318	.00077	791.79	.00081	.00005	37.971	.00097	.36250
#2	-.00331	.00088	771.26	.00050	.00026	37.878	.00090	.35555
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 85.823	2.2353	-.03101	-.00255	.02022	.0740	.76044	5.9908
Stddev	.673	.0018	.00057	.00091	.00219	.0002	.00126	.2631
%RSD	.78393	.07880	1.8238	35.584	10.848	.2940	.16534	4.3916
#1	86.299	2.2341	-.03141	-.00319	.01867	.0742	.76133	5.8048
#2	85.348	2.2366	-.03061	-.00190	.02177	.0739	.75955	6.1768

Sample Name: J5731-05 Acquired: 11/1/2018 1:31:40 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.4371
Stddev .1404
%RSD 3.1644

#1 4.5364
#2 4.3378

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3390.5	42418.	4145.5	83.375	3398.4
Stddev	13.6	121.	33.8	.094	3.8
%RSD	.40034	.28637	.81562	.11281	.11053

#1	3380.9	42504.	4121.6	83.308	3395.8
#2	3400.1	42332.	4169.4	83.441	3401.1

Sample Name: J5731-06 Acquired: 11/1/2018 1:35:49 Type: Unk
Method: P4-ICP2(v2535) 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	.00815	-.00127	.00252	.00160	-.00323	-.00208	.02774	.00008
Stddev	.00112	.00005	.00099	.00044	.00256	.00959	.00001	.00008
%RSD	13.697	3.6320	39.195	27.538	79.217	461.33	.01888	102.08

#1	.00894	-.00123	.00322	.00129	-.00504	-.00886	.02774	.00013
#2	.00736	-.00130	.00182	.00192	-.00142	.00470	.02775	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	67.372	-.00051	-.00012	.00141	-.01549	.00431	125.17
Stddev	.00003	.621	.00085	.00042	.00023	.00593	.00007	.60
%RSD	12.439	.92150	166.07	346.25	16.077	38.288	1.7315	.47937

#1	-.00022	67.811	-.00112	-.00042	.00125	-.01130	.00426	125.59
#2	-.00027	66.933	.00009	.00018	.00157	-.01969	.00436	124.74

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00327	.00047	885.65	.00110	.00202	44.445	.00089	.41452
Stddev	.00023	.00001	34.85	.00002	.00006	.269	.00019	.00600
%RSD	6.8982	1.2467	3.9347	1.3880	2.9116	.60476	21.595	1.4480

#1	-.00343	.00048	910.29	.00109	.00206	44.635	.00076	.41028
#2	-.00311	.00047	861.01	.00111	.00198	44.255	.00103	.41877

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 100.98	2.1415	-.03584	-.00195	.02245	.0743	.86870	6.3002
Stddev	.39	.0206	.00043	.00035	.00211	.0000	.00575	.0133
%RSD	.38893	.96232	1.2050	18.038	9.4067	.0212	.66165	.21174

#1	101.26	2.1561	-.03614	-.00171	.02394	.0743	.87276	6.2908
#2	100.71	2.1270	-.03553	-.00220	.02096	.0743	.86464	6.3096

Sample Name: J5731-06 Acquired: 11/1/2018 1:35:49 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.9300
Stddev	.4259
%RSD	10.838

#1	3.6288
#2	4.2312

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3357.9	42040.	4152.0	83.047	3350.5
Stddev	15.7	2.	41.7	.523	5.4
%RSD	.46882	.00436	1.0047	.62999	.16154

#1	3369.0	42039.	4122.5	82.677	3346.7
#2	3346.8	42041.	4181.5	83.416	3354.4

Sample Name: J5731-07 Acquired: 11/1/2018 1:39:58 Type: Unk
Method: P4-ICP2(v2535) 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	.00612	-.00063	.00219	.00285	-.00311	-.00606	.02608	.00019
Stddev	.00008	.00046	.00038	.00497	.00086	.00025	.00058	.00008
%RSD	1.3422	72.303	17.512	174.49	27.775	4.0911	2.2413	43.071

#1	.00606	-.00096	.00246	-.00067	-.00250	-.00588	.02567	.00025
#2	.00618	-.00031	.00192	.00636	-.00372	-.00623	.02649	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	61.993	-.00056	.00008	.00083	-.01395	.00405	109.28
Stddev	.00005	.748	.00013	.00001	.00062	.01970	.00023	.19
%RSD	64.430	1.2065	23.731	8.0701	74.356	141.18	5.6250	.16976

#1	-.00004	61.464	-.00066	.00008	.00127	-.02788	.00421	109.41
#2	-.00011	62.522	-.00047	.00009	.00040	-.00002	.00389	109.15

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00279	.00018	767.21	.00113	.00048	39.095	.00089	.37126
Stddev	.00015	.00002	5.35	.00023	.00019	.189	.00016	.01308
%RSD	5.3193	9.1333	.69669	20.832	38.854	.48439	18.388	3.5233

#1	-.00289	.00017	770.98	.00129	.00035	38.961	.00078	.38051
#2	-.00268	.00020	763.43	.00096	.00062	39.228	.00101	.36201

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 87.658	2.1795	-.03218	-.00101	.02022	.0724	.77877	5.5216
Stddev	.382	.0109	.00030	.00110	.00194	.0004	.00225	.7170
%RSD	.43552	.49897	.91885	109.52	9.6166	.5498	.28952	12.985

#1	87.928	2.1872	-.03239	-.00023	.02159	.0727	.77718	6.0286
#2	87.389	2.1718	-.03197	-.00179	.01884	.0721	.78037	5.0146

Sample Name: J5731-07 Acquired: 11/1/2018 1:39:58 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.3022
Stddev	.8174
%RSD	19.000

#1	4.8802
#2	3.7242

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3415.1	43908.	4132.9	83.081	3422.7
Stddev	16.4	2133.	20.1	3.213	36.2
%RSD	.48154	4.8586	.48597	3.8675	1.0571

#1	3403.4	42399.	4147.1	85.353	3397.1
#2	3426.7	45416.	4118.7	80.809	3448.2

Sample Name: J5731-08 Acquired: 11/1/2018 1:44:07 Type: Unk
Method: P4-ICP2(v2535) 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	.00793	-.00086	.00273	.00003	-.00216	-.00515	.02706	.00018
Stddev	.00149	.00071	.00086	.00135	.00110	.01654	.00045	.00002
%RSD	18.816	82.991	31.522	3910.6	51.109	321.23	1.6673	9.5152
#1	.00687	-.00035	.00334	.00099	-.00294	-.01684	.02738	.00017
#2	.00898	-.00136	.00212	-.00092	-.00138	.00655	.02674	.00020
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	59.714	-.00038	.00008	.00098	-.01857	.00384	102.21
Stddev	.00003	.299	.00007	.00015	.00023	.00435	.00003	.02
%RSD	17.595	.50053	19.039	201.38	23.762	23.450	.73954	.02251
#1	-.00014	59.925	-.00033	-.00003	.00081	-.01549	.00386	102.23
#2	-.00018	59.503	-.00043	.00018	.00114	-.02165	.00382	102.20
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00236	.00035	729.29	.00145	-.00014	36.265	.00089	.34654
Stddev	.00025	.00062	.43	.00039	.00009	.146	.00028	.00751
%RSD	10.748	177.71	.05961	26.826	61.723	.40173	30.871	2.1679
#1	-.00218	-.00009	728.98	.00172	-.00008	36.368	.00109	.35186
#2	-.00254	.00079	729.59	.00117	-.00020	36.162	.00070	.34123
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 83.041	2.2015	-.02938	-.00273	.01897	.0699	.73152	5.9048
Stddev	.066	.0307	.00085	.00426	.00105	.0013	.00137	.2512
%RSD	.07907	1.3957	2.9033	155.89	5.5270	1.842	.18733	4.2535
#1	83.087	2.2232	-.02878	.00028	.01971	.0708	.73249	5.7272
#2	82.994	2.1798	-.02999	-.00574	.01823	.0690	.73055	6.0824

Sample Name: J5731-08 Acquired: 11/1/2018 1:44:07 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.1358
Stddev	.2831
%RSD	6.8456

#1	3.9356
#2	4.3359

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3382.1	42570.	4183.7	84.870	3405.7
Stddev	6.3	68.	39.1	.972	2.9
%RSD	.18702	.15977	.93466	1.1451	.08623

#1	3386.6	42618.	4156.0	84.183	3407.8
#2	3377.7	42522.	4211.3	85.557	3403.6

Sample Name: J5731-09 Acquired: 11/1/2018 1:48:16 Type: Unk
Method: P4-ICP2(v2535) 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	.00857	.00019	.00482	.00018	-.00208	.00425	.02695	.00027
Stddev	.00668	.00152	.00061	.00007	.00262	.01219	.00002	.00000
%RSD	77.868	811.96	12.553	40.178	126.01	286.52	.06097	.27108

#1	.01330	.00126	.00525	.00022	-.00393	.01287	.02694	.00027
#2	.00385	-.00089	.00440	.00013	-.00023	-.00437	.02696	.00027

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	79.427	-.00100	-.00012	.00155	-.01923	.00473	164.52
Stddev	.00004	.581	.00007	.00023	.00024	.01070	.00005	.46
%RSD	18.936	.73128	6.8860	191.51	15.758	55.623	1.1043	.27661

#1	-.00017	79.838	-.00095	.00004	.00172	-.01167	.00477	164.20
#2	-.00022	79.017	-.00105	-.00028	.00137	-.02680	.00469	164.84

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00321	.00041	1040.2	.00069	.00040	59.568	.00138	.54380
Stddev	.00021	.00030	13.0	.00008	.00014	.210	.00024	.00509
%RSD	6.4320	73.924	1.2532	11.390	34.008	.35286	17.669	.93644

#1	-.00336	.00019	1031.0	.00063	.00050	59.717	.00155	.54740
#2	-.00307	.00062	1049.4	.00074	.00031	59.420	.00120	.54020

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 136.57	2.1094	-.04925	-.00220	.03036	.0847	1.1180	6.7706
Stddev	.11	.0488	.00132	.00099	.00022	.0004	.0015	.0230
%RSD	.07760	2.3126	2.6778	45.180	.71477	.4849	.13452	.33979

#1	136.50	2.1439	-.05018	-.00150	.03051	.0844	1.1191	6.7543
#2	136.65	2.0749	-.04832	-.00291	.03021	.0850	1.1170	6.7868

Sample Name: J5731-09 Acquired: 11/1/2018 1:48:16 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.0065
Stddev .8041
%RSD 16.062

#1 5.5751
#2 4.4379

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3281.6	40971.	4130.5	81.122	3243.9
Stddev	17.1	77.	30.3	.866	4.9
%RSD	.52087	.18677	.73389	1.0674	.15036

#1	3293.7	41026.	4109.1	80.509	3247.3
#2	3269.5	40917.	4151.9	81.734	3240.4

Sample Name: J5731-10 Acquired: 11/1/2018 1:52:25 Type: Unk
Method: P4-ICP2(v2535) 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	.00763	-.00019	.00372	.00213	-.00462	.00618	.02639	.00014
Stddev	.00205	.00087	.00036	.00128	.00012	.01204	.00015	.00014
%RSD	26.822	446.69	9.6981	60.273	2.6320	194.75	.57259	98.474

#1	.00908	-.00081	.00398	.00122	-.00453	-.00233	.02650	.00004
#2	.00619	.00042	.00347	.00304	-.00470	.01469	.02628	.00024

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	65.119	-.00022	-.00015	.00139	-.00734	.00376	118.45
Stddev	.00000	.984	.00008	.00008	.00038	.01053	.00008	.00
%RSD	.09752	1.5114	36.819	51.743	27.265	143.48	2.0770	.00277

#1	-.00011	64.423	-.00016	-.00021	.00112	-.01478	.00382	118.45
#2	-.00011	65.815	-.00027	-.00010	.00165	.00011	.00370	118.44

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00258	.00058	810.43	.00137	.00028	42.400	.00088	.40123
Stddev	.00047	.00042	22.88	.00030	.00022	.484	.00013	.00472
%RSD	18.342	73.485	2.8234	22.210	78.204	1.1407	14.321	1.1753

#1	-.00291	.00088	794.25	.00158	.00012	42.058	.00097	.40456
#2	-.00224	.00028	826.61	.00115	.00043	42.742	.00079	.39789

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 97.855	2.1446	-.03475	-.00092	.02048	.0744	.83033	6.3327
Stddev	.371	.0160	.00032	.00109	.00132	.0010	.00771	.5483
%RSD	.37925	.74803	.91363	118.62	6.4584	1.289	.92807	8.6576

#1	98.118	2.1332	-.03453	-.00168	.01955	.0750	.82488	6.7203
#2	97.593	2.1559	-.03497	-.00015	.02142	.0737	.83578	5.9450

Sample Name: J5731-10 Acquired: 11/1/2018 1:52:25 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.5471
Stddev	.2427
%RSD	5.3383

#1	4.7188
#2	4.3755

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3361.2	42060.	4168.8	81.813	3350.7
Stddev	23.3	111.	47.8	1.726	9.9
%RSD	.69441	.26440	1.1459	2.1095	.29571

#1	3344.7	41982.	4202.6	83.033	3343.7
#2	3377.7	42139.	4135.0	80.593	3357.7

Sample Name: J5731-11 Acquired: 11/1/2018 1:56:35 Type: Unk
Method: P4-ICP2(v2535) 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	.00821	.00040	.00320	.00083	-.00154	.01190	.02678	.00015
Stddev	.00258	.00012	.00018	.00003	.00034	.01890	.00050	.00009
%RSD	31.451	29.332	5.6062	3.4600	21.811	158.75	1.8688	57.965

#1	.01004	.00032	.00333	.00081	-.00130	-.00146	.02642	.00021
#2	.00639	.00048	.00307	.00085	-.00178	.02526	.02713	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	59.743	.00012	.00009	.00169	-.00798	.00357	100.77
Stddev	.00004	.428	.00018	.00043	.00017	.00633	.00003	.19
%RSD	26.869	.71674	143.74	486.10	9.8503	79.374	.70633	.18631

#1	-.00011	59.440	.00025	.00039	.00180	-.00350	.00359	100.91
#2	-.00016	60.046	-.00000	-.00021	.00157	-.01246	.00355	100.64

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00275	-.00037	701.27	.00080	.00001	36.026	.00073	.34751
Stddev	.00000	.00070	3.76	.00009	.00008	.230	.00002	.00447
%RSD	.13297	188.40	.53646	10.675	923.73	.63823	2.9078	1.2860

#1	-.00275	.00012	698.61	.00074	-.00005	35.863	.00072	.34435
#2	-.00276	-.00087	703.93	.00087	.00006	36.188	.00075	.35067

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 81.656	2.1941	-.02940	-.00061	.01754	.0703	.72552	6.0743
Stddev	.257	.0250	.00092	.00093	.00022	.0014	.00697	.2867
%RSD	.31516	1.1374	3.1183	152.90	1.2394	2.012	.96069	4.7203

#1	81.838	2.1764	-.03005	.00005	.01769	.0713	.72059	6.2771
#2	81.474	2.2117	-.02875	-.00126	.01738	.0693	.73045	5.8716

Sample Name: J5731-11 Acquired: 11/1/2018 1:56:35 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.0534
Stddev	.1644
%RSD	4.0567

#1	3.9371
#2	4.1697

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3408.3	42667.	4207.4	84.614	3424.6
Stddev	2.2	30.	37.7	.846	15.1
%RSD	.06531	.06977	.89588	.99928	.44124

#1	3409.9	42646.	4234.1	85.212	3413.9
#2	3406.7	42688.	4180.7	84.016	3435.3

Sample Name: J5731-12 Acquired: 11/1/2018 2:00:45 Type: Unk
Method: P4-ICP2(v2535) 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	.00323	-.00114	.00447	.00109	-.00484	.01465	.02680	.00014
Stddev	.00165	.00095	.00009	.00082	.00074	.01126	.00133	.00003
%RSD	51.168	83.399	2.0243	74.975	15.309	76.841	4.9640	20.618

#1	.00206	-.00047	.00453	.00051	-.00431	.00669	.02774	.00016
#2	.00440	-.00181	.00440	.00167	-.00536	.02261	.02585	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	78.906	-.00065	.00003	.00109	-.01785	.00500	164.31
Stddev	.00001	.203	.00020	.00007	.00046	.01417	.00006	.60
%RSD	3.4131	.25739	30.719	211.08	42.598	79.376	1.1666	.36476

#1	-.00019	79.050	-.00051	.00008	.00076	-.00783	.00496	164.73
#2	-.00020	78.763	-.00079	-.00002	.00142	-.02788	.00504	163.89

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00305	.00068	1032.6	.00131	.00101	59.121	.00129	.55285
Stddev	.00012	.00060	36.7	.00006	.00008	.013	.00011	.01446
%RSD	3.9302	87.687	3.5574	4.7064	8.0468	.02257	8.2675	2.6151

#1	-.00297	.00110	1058.6	.00136	.00107	59.111	.00136	.54263
#2	-.00314	.00026	1006.6	.00127	.00096	59.130	.00121	.56307

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 136.71	2.0597	-.04913	-.00343	.02973	.0852	1.1101	6.7565
Stddev	.21	.0024	.00059	.00173	.00120	.0020	.0051	.2287
%RSD	.15660	.11769	1.2073	50.349	4.0423	2.292	.45980	3.3849

#1	136.86	2.0615	-.04871	-.00221	.03058	.0865	1.1137	6.5948
#2	136.56	2.0580	-.04955	-.00465	.02888	.0838	1.1065	6.9182

Sample Name: J5731-12 Acquired: 11/1/2018 2:00:45 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.3727
Stddev .3588
%RSD 8.2044

#1 4.1190
#2 4.6264

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3282.2	41314.	4180.1	80.722	3243.2
Stddev	14.4	15.	26.4	2.903	3.3
%RSD	.43878	.03730	.63079	3.5965	.10199

#1	3292.4	41303.	4161.5	78.670	3240.8
#2	3272.0	41325.	4198.8	82.775	3245.5

Sample Name: J5731-13 Acquired: 11/1/2018 2:04:54 Type: Unk
Method: P4-ICP2(v2535) 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	.00591	.00016	.00377	.00343	-.00350	.00490	.02691	.00017
Stddev	.00187	.00049	.00024	.00308	.00144	.01388	.00111	.00000
%RSD	31.685	306.43	6.4073	89.692	41.197	283.13	4.1234	1.3699

#1	.00458	-.00019	.00360	.00126	-.00248	-.00491	.02612	.00017
#2	.00723	.00051	.00394	.00561	-.00452	.01472	.02769	.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	67.536	-.00057	-.00009	.00117	-.01254	.00370	125.61
Stddev	.00004	.951	.00010	.00033	.00027	.02046	.00002	.41
%RSD	20.544	1.4087	17.347	375.23	22.683	163.10	.41637	.32848

#1	-.00022	66.863	-.00065	-.00032	.00136	-.02701	.00371	125.32
#2	-.00016	68.209	-.00050	.00015	.00098	.00192	.00369	125.90

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00294	.00094	855.63	.00114	.00017	45.659	.00132	.42827
Stddev	.00011	.00077	23.65	.00031	.00015	.624	.00064	.00785
%RSD	3.8173	82.333	2.7636	26.934	85.068	1.3663	48.659	1.8339

#1	-.00286	.00148	838.91	.00092	.00007	45.218	.00086	.42272
#2	-.00302	.00039	872.35	.00136	.00028	46.100	.00177	.43382

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 103.76	2.1793	-.03757	-.00329	.02204	.0767	.88577	6.4111
Stddev	.11	.0105	.00005	.00108	.00061	.0013	.00937	.0047
%RSD	.10357	.48298	.14392	32.859	2.7541	1.759	1.0576	.07343

#1	103.83	2.1718	-.03753	-.00253	.02161	.0757	.87914	6.4078
#2	103.68	2.1867	-.03761	-.00406	.02247	.0776	.89239	6.4144

Sample Name: J5731-13 Acquired: 11/1/2018 2:04:54 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.2769
Stddev	.5211
%RSD	12.184

#1	4.6454
#2	3.9085

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3338.9	42072.	4161.7	83.495	3326.2
Stddev	17.1	125.	50.9	3.110	4.1
%RSD	.51208	.29780	1.2230	3.7244	.12466

#1	3351.0	42161.	4197.7	85.694	3323.2
#2	3326.8	41984.	4125.7	81.297	3329.1

Sample Name: CCV17 Acquired: 11/1/2018 2:09:04 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9187	4.8859	4.8374	4.9537	4.9965	9.0826	10.182	.24765
Stddev	.0033	.0197	.0169	.0016	.0094	.0881	.072	.00083
%RSD	.06657	.40257	.34994	.03175	.18786	.96994	.70928	.33435
#1	4.9163	4.8720	4.8254	4.9548	4.9898	9.0203	10.233	.24823
#2	4.9210	4.8998	4.8494	4.9526	5.0031	9.1449	10.131	.24706
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3968	25.202	F 1.1358	2.4102	1.2435	5.1981	2.4763	22.988
Stddev	.0080	.108	.0014	.0084	.0044	.0764	.0010	.132
%RSD	.33545	.42715	.12661	.34856	.35658	1.4705	.04014	.57478
#1	2.3912	25.125	1.1348	2.4043	1.2466	5.2521	2.4756	22.894
#2	2.4025	25.278	1.1368	2.4161	1.2404	5.1441	2.4770	23.081
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4032	1.1992	22.744	2.6858	F 3.3851	26.099	4.9856	F 4.4251
Stddev	.0047	.0025	.053	.0068	.0891	.264	.0082	.0132
%RSD	.19481	.20815	.23283	.25334	2.6337	1.0132	.16388	.29801
#1	2.3998	1.2010	22.706	2.6810	3.4482	26.286	4.9798	4.4158
#2	2.4065	1.1974	22.781	2.6906	3.3221	25.912	4.9913	4.4345
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9040	5.4822	4.7944	4.8173	5.2695	4.824	4.9725	F 3.5641
Stddev	.0067	.0174	.0151	.0062	.0351	.017	.0260	.2071
%RSD	.13609	.31704	.31427	.12949	.66599	.3418	.52361	5.8101
#1	4.9087	5.4945	4.7837	4.8217	5.2943	4.812	4.9909	3.7105
#2	4.8993	5.4699	4.8050	4.8129	5.2447	4.835	4.9540	3.4177

Sample Name: CCV17 Acquired: 11/1/2018 2:09:04 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.5244
Stddev .1970
%RSD 7.8045

#1 2.6638
#2 2.3851

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3712.5	47527.	4368.3	85.119	3880.6
Stddev	4.4	96.	33.9	2.267	11.9
%RSD	.11928	.20199	.77550	2.6633	.30596

#1	3715.6	47459.	4344.4	83.516	3889.0
#2	3709.4	47594.	4392.3	86.722	3872.2

Sample Name: CCB17 Acquired: 11/1/2018 2:12:51 Type: Unk
Method: P4-ICP2(v2535) 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	F .00563	.00175	-.00018	-.00098	-.00075	.01190	.00158	.00006
Stddev	.00060	.00012	.00001	.00136	.00031	.02193	.00020	.00001
%RSD	10.678	6.8241	3.7462	138.69	40.803	184.29	12.792	25.501

#1	.00606	.00167	-.00017	-.00194	-.00053	-.00361	.00172	.00007
#2	.00521	.00184	-.00018	-.00002	-.00096	.02741	.00144	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00187	.00034	.00040	-.00036	-.00805	-.00003	-.00316
Stddev	.00000	.00330	.00032	.00002	.00064	.00163	.00006	.04154
%RSD	17.360	176.52	94.088	4.8356	177.16	20.248	197.86	1315.7

#1	-.00001	.00420	.00057	.00039	-.00082	-.00690	.00001	-.03253
#2	-.00001	-.00046	.00012	.00042	.00009	-.00921	-.00007	.02622

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00035	.00067	.47754	.00006	.00046	-.12990	.00040	.00988
Stddev	.00002	.00026	.01062	.00039	.00000	.00603	.00014	.00633
%RSD	6.7643	38.626	2.2244	695.94	.92149	4.6432	35.010	64.106

#1	.00036	.00049	.48505	.00033	.00045	-.13417	.00030	.00540
#2	.00033	.00085	.47003	-.00022	.00046	-.12564	.00050	.01435

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .03152	.00876	.00017	.00001	F .00605	-.0011	-.00009	F 1.9098
Stddev	.00007	.00100	.00025	.00016	.00096	.0017	.00005	.1140
%RSD	.21227	11.405	152.17	1672.3	15.844	157.9	61.017	5.9679

#1	.03147	.00805	-.00001	.00012	.00673	-.0023	-.00012	1.9904
#2	.03157	.00946	.00035	-.00010	.00537	.0001	-.00005	1.8292

Sample Name: CCB17 Acquired: 11/1/2018 2:12:51 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .57984
Stddev	.19963
%RSD	34.429

#1	.43868
#2	.72100

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3887.6	50065.	4419.1	90.004	4383.3
Stddev	4.5	326.	39.7	2.469	8.2
%RSD	.11632	.65015	.89926	2.7432	.18711

#1	3884.4	49834.	4391.0	88.258	4377.5
#2	3890.8	50295.	4447.2	91.750	4389.1

Sample Name: J5731-14 Acquired: 11/1/2018 2:16:58 Type: Unk
Method: P4-ICP2(v2535) 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	.00535	.00030	.00278	.00141	-.00268	-.00381	.02676	.00020
Stddev	.00070	.00017	.00041	.00012	.00139	.01163	.00092	.00001
%RSD	13.141	55.787	14.824	8.4624	52.031	305.48	3.4517	5.5626
#1	.00485	.00042	.00308	.00149	-.00169	.00442	.02741	.00021
#2	.00584	.00018	.00249	.00132	-.00366	-.01203	.02611	.00020
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	61.837	.00006	-.00008	.00109	-.01369	.00346	105.44
Stddev	.00005	.042	.00030	.00016	.00004	.00917	.00005	.67
%RSD	69.846	.06726	488.91	205.45	3.3738	67.014	1.3453	.63361
#1	-.00004	61.807	-.00015	.00003	.00112	-.00720	.00349	105.91
#2	-.00011	61.866	.00028	-.00019	.00106	-.02018	.00342	104.97
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00290	.00109	793.43	.00084	.00056	37.532	.00083	.35472
Stddev	.00002	.00001	27.51	.00006	.00004	.035	.00004	.00248
%RSD	.75726	1.2754	3.4675	7.3925	7.9870	.09244	4.9801	.69942
#1	-.00291	.00110	812.89	.00088	.00059	37.508	.00086	.35297
#2	-.00288	.00108	773.98	.00079	.00053	37.557	.00080	.35648
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 85.165	2.2657	-.03068	-.00235	.01901	.0711	.75506	5.7881
Stddev	.498	.0273	.00123	.00078	.00037	.0018	.00430	.1735
%RSD	.58459	1.2028	4.0212	33.074	1.9361	2.479	.56900	2.9981
#1	85.517	2.2850	-.03155	-.00290	.01927	.0724	.75810	5.6654
#2	84.813	2.2465	-.02981	-.00180	.01875	.0699	.75202	5.9108

Sample Name: J5731-14 Acquired: 11/1/2018 2:16:58 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.0726
 Stddev .0541
 %RSD 1.3291

#1 4.0344
 #2 4.1109

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3423.9	42686.	4114.0	81.180	3420.9
Stddev	25.0	38.	.0	1.243	8.9
%RSD	.72981	.08905	.00062	1.5310	.26047

#1	3406.2	42712.	4114.0	82.059	3414.6
#2	3441.5	42659.	4114.0	80.301	3427.2

Sample Name: J5733-01 Acquired: 11/1/2018 2:21:08 Type: Unk
Method: P4-ICP2(v2535) 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	.00454	.00040	-.00060	-.00098	-.00163	.37945	.03500	.00010
Stddev	.00350	.00010	.00018	.00038	.00035	.01515	.00019	.00001
%RSD	77.057	24.466	30.646	38.522	21.247	3.9920	.54222	11.060

#1	.00207	.00033	-.00047	-.00124	-.00139	.39016	.03514	.00010
#2	.00702	.00047	-.00073	-.00071	-.00188	.36874	.03487	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	3.8282	.00195	.00054	.00155	.13276	.00250	.11834
Stddev	.00001	.0055	.00027	.00006	.00017	.00578	.00008	.03918
%RSD	52.797	.14375	14.121	10.624	11.125	4.3565	3.0963	33.112

#1	-.00002	3.8243	.00175	.00058	.00167	.13685	.00244	.09063
#2	-.00001	3.8320	.00214	.00050	.00142	.12867	.00255	.14605

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00289	.00087	.92999	.00091	.01593	.05821	.00036	.01328
Stddev	.00004	.00007	.02506	.00045	.00010	.03291	.00010	.00186
%RSD	1.3619	7.6322	2.6947	49.760	.63367	56.539	28.123	13.977

#1	.00286	.00092	.94771	.00123	.01601	.08148	.00044	.01459
#2	.00292	.00082	.91227	.00059	.01586	.03494	.00029	.01197

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11848	.39784	.01842	.00788	.00259	.0954	.00707	1.7787
Stddev	.00122	.00180	.00033	.00008	.00076	.0006	.00020	.2114
%RSD	1.0307	.45132	1.7832	1.0410	29.558	.6150	2.8746	11.882

#1	.11935	.39657	.01866	.00794	.00205	.0950	.00721	1.9281
#2	.11762	.39911	.01819	.00783	.00313	.0958	.00692	1.6292

Sample Name: J5733-01 Acquired: 11/1/2018 2:21:08 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .63374
Stddev .76346
%RSD 120.47

#1 .09390
#2 1.1736

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3889.0	50546.	4399.3	88.688	4384.8
Stddev	23.7	232.	16.4	.713	21.3
%RSD	.61052	.45926	.37377	.80395	.48672

#1	3872.2	50382.	4387.7	88.183	4369.7
#2	3905.8	50711.	4411.0	89.192	4399.9

Sample Name: J5733-02 Acquired: 11/1/2018 2:25:14 Type: Unk
Method: P4-ICP2(v2535) 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	.01011	-.00089	.01725	.00213	-.00243	9.7660	.07185	.00062
Stddev	.00068	.00022	.00003	.00209	.00098	.1398	.00077	.00004
%RSD	6.7212	25.214	.20074	98.317	40.230	1.4318	1.0765	6.9755

#1	.00963	-.00073	.01728	.00361	-.00312	9.6671	.07130	.00059
#2	.01059	-.00105	.01723	.00065	-.00174	9.8649	.07239	.00065

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00053	228.66	.05334	.01788	.02550	11.059	.12446	10.058
Stddev	.00000	.17	.00049	.00010	.00014	.162	.00023	.076
%RSD	.15839	.07354	.92343	.58337	.55314	1.4623	.18647	.75907

#1	-.00053	228.54	.05369	.01795	.02560	10.945	.12430	10.004
#2	-.00053	228.78	.05299	.01780	.02540	11.173	.12463	10.112

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02884	-.00014	2.4667	.03401	.21877	2.1573	.00319	.02278
Stddev	.00011	.00035	.0017	.00039	.00248	.0200	.00024	.00377
%RSD	.39272	253.86	.06899	1.1495	1.1334	.92579	7.5993	16.553

#1	.02876	-.00038	2.4679	.03373	.21701	2.1714	.00336	.02012
#2	.02892	.00011	2.4655	.03428	.22052	2.1432	.00302	.02545

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2215	6.7617	.04503	.55636	.01490	.5856	.28915	7.0975
Stddev	.0158	.0167	.00045	.00656	.00280	.0037	.00047	.3709
%RSD	.30319	.24749	.99850	1.1788	18.816	.6343	.16271	5.2251

#1	5.2103	6.7735	.04471	.55172	.01688	.5830	.28948	7.3597
#2	5.2327	6.7498	.04534	.56099	.01292	.5883	.28882	6.8352

Sample Name: J5733-02 Acquired: 11/1/2018 2:25:14 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.8112
 Stddev .1939
 %RSD 4.0293

#1 4.6741
 #2 4.9483

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3712.1	47536.	4342.9	83.941	3898.5
Stddev	6.4	231.	15.3	.695	7.9
%RSD	.17256	.48525	.35265	.82761	.20228

#1	3707.6	47699.	4332.0	84.432	3892.9
#2	3716.6	47373.	4353.7	83.450	3904.1

Sample Name: J5733-03 Acquired: 11/1/2018 2:29:16 Type: Unk
Method: P4-ICP2(v2535) 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	.01137	-.00208	.04380	-.00210	-.00341	22.823	.25212	.00106
Stddev	.00021	.00152	.00119	.00247	.00208	.046	.00114	.00001
%RSD	1.8100	73.374	2.7234	117.89	61.146	.20277	.45368	1.2294

#1	.01151	-.00315	.04295	-.00384	-.00488	22.855	.25293	.00105
#2	.01122	-.00100	.04464	-.00035	-.00194	22.790	.25131	.00107

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00086	347.08	.10240	.00972	.02652	28.045	.45062	18.438
Stddev	.00009	.75	.00076	.00030	.00052	.762	.00095	.114
%RSD	9.9763	.21668	.74205	3.0478	1.9623	2.7185	.21040	.62055

#1	-.00092	347.61	.10294	.00993	.02615	28.584	.44995	18.357
#2	-.00080	346.55	.10187	.00951	.02688	27.505	.45129	18.519

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04105	.00201	3.5333	.07510	.21884	6.1684	.00749	.03742
Stddev	.00053	.00002	.0116	.00012	.00588	.0410	.00046	.00204
%RSD	1.2857	.91955	.32893	.16292	2.6872	.66541	6.1914	5.4577

#1	.04067	.00202	3.5251	.07519	.22300	6.1974	.00716	.03598
#2	.04142	.00199	3.5415	.07502	.21468	6.1394	.00782	.03887

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.038	3.0422	.00266	1.1483	.05356	.4493	.48039	9.3992
Stddev	.033	.0208	.00105	.0093	.00008	.0021	.00063	.2556
%RSD	.32885	.68483	39.570	.81274	.14898	.4676	.13095	2.7190

#1	10.015	3.0569	.00191	1.1549	.05362	.4478	.48083	9.2185
#2	10.061	3.0275	.00340	1.1417	.05350	.4508	.47994	9.5800

Sample Name: J5733-03 Acquired: 11/1/2018 2:29:16 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	8.0741
Stddev	.3785
%RSD	4.6871

#1	7.8065
#2	8.3417

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3712.3	47385.	4353.6	81.023	3790.0
Stddev	2.6	5.	11.0	2.314	.9
%RSD	.06880	.01120	.25159	2.8565	.02426

#1	3710.5	47389.	4345.8	79.386	3789.4
#2	3714.1	47382.	4361.3	82.660	3790.7

Sample Name: J5733-04 Acquired: 11/1/2018 2:33:17 Type: Unk
Method: P4-ICP2(v2535) 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	.00767	-.00084	.00473	.00415	-.00107	9.1992	.11190	.00036
Stddev	.00154	.00030	.00093	.00163	.00222	.1618	.00170	.00001
%RSD	20.035	36.337	19.705	39.269	207.29	1.7586	1.5186	2.5078

#1	.00876	-.00105	.00539	.00531	.00050	9.0849	.11311	.00036
#2	.00659	-.00062	.00407	.00300	-.00264	9.3136	.11070	.00037

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00055	106.49	.02201	.00664	.01100	9.6530	.27424	5.0692
Stddev	.00001	.92	.00048	.00008	.00023	.0691	.00091	.0507
%RSD	.93870	.86467	2.2030	1.2273	2.1336	.71609	.33301	.99925

#1	-.00055	107.14	.02235	.00659	.01084	9.6042	.27359	5.1050
#2	-.00055	105.84	.02167	.00670	.01117	9.7019	.27489	5.0333

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02955	.00069	1.3575	.05132	.10494	1.7567	.00247	.01868
Stddev	.00001	.00001	.0072	.00016	.00000	.0521	.00003	.00677
%RSD	.04533	2.0869	.53058	.31912	.00403	2.9649	1.2477	36.273

#1	.02954	.00068	1.3626	.05121	.10494	1.7935	.00244	.01389
#2	.02956	.00070	1.3525	.05144	.10493	1.7199	.00249	.02347

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6999	6.0942	.00244	.32861	.03053	.1323	.14420	4.7798
Stddev	.0107	.0818	.00023	.00155	.00077	.0008	.00217	.1699
%RSD	.39673	1.3422	9.4482	.47129	2.5121	.6176	1.5049	3.5551

#1	2.6923	6.1520	.00261	.32971	.03107	.1329	.14573	4.6596
#2	2.7074	6.0363	.00228	.32752	.02999	.1317	.14266	4.8999

Sample Name: J5733-04 Acquired: 11/1/2018 2:33:17 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.5028
Stddev	.5722
%RSD	16.336

#1	3.0982
#2	3.9074

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3774.6	48267.	4373.5	86.002	4053.9
Stddev	.5	141.	71.2	.063	11.4
%RSD	.01251	.29313	1.6277	.07312	.28205

#1	3774.3	48367.	4323.1	85.958	4045.8
#2	3774.9	48167.	4423.8	86.047	4062.0

Sample Name: J5724-01DLX10 Acquired: 11/1/2018 2:37:18 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DARK-SOIL(NE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02923	-.00165	2.4285	-.00022	.00645	26.157	.52141	.00375
Stddev	.00001	.00021	.0079	.00093	.00154	.002	.00582	.00003
%RSD	.02825	12.979	.32646	420.32	23.901	.00771	1.1167	.72230

#1	.02922	-.00180	2.4229	-.00088	.00753	26.156	.52553	.00373
#2	.02923	-.00150	2.4341	.00044	.00536	26.158	.51729	.00377

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00268	159.28	1.5033	.08606	14.704	84.966	.78685	20.257
Stddev	.00006	1.99	.0033	.00014	.020	.632	.00068	.234
%RSD	2.3080	1.2465	.22182	.16056	.13613	.74387	.08667	1.1559

#1	-.00264	160.68	1.5057	.08596	14.690	84.519	.78733	20.423
#2	-.00272	157.87	1.5010	.08616	14.718	85.413	.78636	20.092

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23657	.00060	2.3999	.15629	34.445	4.0519	.00501	.05403
Stddev	.00134	.00045	.0060	.00027	.397	.0316	.00028	.00272
%RSD	.56713	75.635	.25095	.17126	1.1513	.77974	5.5348	5.0372

#1	.23563	.00028	2.3956	.15648	34.165	4.0295	.00521	.05211
#2	.23752	.00092	2.4041	.15610	34.726	4.0742	.00482	.05596

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45715	.08766	.46169	.80616	.04646	1.285	.18278	1.1186
Stddev	.00106	.00053	.00107	.00062	.00185	.002	.00384	.0407
%RSD	.23160	.60705	.23200	.07629	3.9872	.1816	2.1016	3.6373

#1	.45640	.08803	.46244	.80660	.04515	1.283	.18550	1.1474
#2	.45790	.08728	.46093	.80573	.04777	1.287	.18007	1.0898

Sample Name: J5724-01DLX10 Acquired: 11/1/2018 2:37:18 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DARK-SOIL(NE Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 7.1890
Stddev .7571
%RSD 10.531

#1 6.6536
#2 7.7243

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3892.1	50046.	4557.5	87.226	4017.5
Stddev	9.9	128.	39.6	.681	10.0
%RSD	.25512	.25574	.86950	.78026	.24905

#1	3885.0	50136.	4529.5	87.707	4010.4
#2	3899.1	49955.	4585.5	86.745	4024.5

Sample Name: J5724-03DLX10 Acquired: 11/1/2018 2:41:13 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FIBER-MATERI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09332	.00890	.13393	.00418	-.00026	13.451	.17043	.00049
Stddev	.00023	.00055	.00205	.00233	.00154	.036	.00052	.00000
%RSD	.24950	6.1480	1.5280	55.721	584.58	.26900	.30464	.14396

#1	.09348	.00928	.13248	.00583	-.00136	13.476	.17080	.00049
#2	.09315	.00851	.13538	.00253	.00083	13.425	.17007	.00049

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00091	16.528	.04136	.01264	.07443	51.675	.53721	5.1317
Stddev	.00040	.058	.00022	.00034	.00036	2.556	.00168	.0108
%RSD	43.411	.34920	.53805	2.6974	.47938	4.9460	.31363	.20978

#1	-.00119	16.487	.04120	.01288	.07418	53.483	.53840	5.1394
#2	-.00063	16.569	.04152	.01240	.07469	49.868	.53602	5.1241

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10493	-.00252	.63030	1.6847	.59515	1.2437	.00380	.01869
Stddev	.00036	.00098	.00325	.0009	.02807	.0330	.00019	.00899
%RSD	.34492	38.965	.51510	.05310	4.7160	2.6523	5.0804	48.097

#1	.10468	-.00183	.63260	1.6853	.61500	1.2670	.00393	.02505
#2	.10519	-.00322	.62801	1.6841	.57531	1.2204	.00366	.01233

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.738	.35098	.01484	.16955	.04717	1.073	.16020	.45162
Stddev	.008	.00134	.00073	.00154	.00034	.001	.00267	.14504
%RSD	.06129	.38192	4.9166	.90942	.71586	.0684	1.6663	32.115

#1	13.732	.35003	.01432	.17064	.04694	1.074	.15831	.34907
#2	13.744	.35192	.01536	.16846	.04741	1.072	.16209	.55418

Sample Name: J5724-03DLX10 Acquired: 11/1/2018 2:41:13 Type: Unk
 Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FIBER-MATERI Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	8.5628
Stddev	.1599
%RSD	1.8679

#1	8.4497
#2	8.6759

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3847.7	48800.	4338.9	84.243	4134.7
Stddev	5.6	188.	25.3	4.150	2.6
%RSD	.14524	.38536	.58387	4.9263	.06363

#1	3843.7	48667.	4321.0	81.308	4132.8
#2	3851.6	48933.	4356.8	87.177	4136.5

Sample Name: J5624-08DL2X20 Acquired: 11/1/2018 2:45:13 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE-PIE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00603	-.00059	-.01264	.00137	.00085	2.6509	.08913	-.00055
Stddev	.00072	.00057	.00067	.00112	.00099	.0094	.00070	.00001
%RSD	11.920	97.352	5.3332	82.252	117.02	.35432	.78451	2.1049

#1	.00552	-.00018	-.01217	.00057	.00155	2.6443	.08962	-.00054
#2	.00654	-.00099	-.01312	.00216	.00015	2.6575	.08863	-.00055

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00380	197.18	-.00195	.00257	.01050	116.00	8.2964	2.9950
Stddev	.00015	.97	.00031	.00016	.00052	2.29	.0053	.0115
%RSD	4.0667	.49313	15.702	6.2233	4.9617	1.9781	.06368	.38354

#1	-.00369	196.50	-.00174	.00246	.01087	114.38	8.2927	2.9869
#2	-.00391	197.87	-.00217	.00268	.01013	117.62	8.3001	3.0032

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00750	-.00278	.40739	.24588	.17674	.11524	-.00131	.15308
Stddev	.00041	.00034	.00146	.00136	.00362	.00132	.00003	.01331
%RSD	5.4187	12.074	.35799	.55200	2.0506	1.1488	2.0553	8.6965

#1	.00722	-.00301	.40843	.24684	.17418	.11617	-.00129	.14366
#2	.00779	-.00254	.40636	.24492	.17931	.11430	-.00133	.16249

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2194	2.2226	.00204	.06652	.01412	1.653	.09101	1.1979
Stddev	.0012	.0070	.00057	.00093	.00198	.002	.00301	.0834
%RSD	.03825	.31661	28.006	1.3921	14.031	.1347	3.3071	6.9637

#1	3.2185	2.2177	.00244	.06586	.01272	1.655	.09314	1.1389
#2	3.2203	2.2276	.00163	.06717	.01552	1.652	.08888	1.2569

Sample Name: J5624-08DL2X20 Acquired: 11/1/2018 2:45:13 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE-PIE Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.7303
Stddev	.3530
%RSD	7.4630

#1	4.9800
#2	4.4807

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3640.7	46564.	4214.5	82.195	3806.1
Stddev	9.6	38.	6.9	1.575	6.8
%RSD	.26454	.08250	.16375	1.9163	.17829

#1	3633.9	46536.	4219.4	83.308	3801.3
#2	3647.5	46591.	4209.6	81.081	3810.9

Sample Name: CCV18 Acquired: 11/1/2018 2:49:19 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB114294BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7973	4.8225	4.7702	4.8206	4.8504	F 8.7822	10.047	.24333
Stddev	.0022	.0050	.0069	.0072	.0098	.0121	.053	.00019
%RSD	.04561	.10358	.14530	.14936	.20159	.13771	.52890	.07675
#1	4.7989	4.8190	4.7653	4.8155	4.8434	8.7737	10.085	.24346
#2	4.7958	4.8261	4.7751	4.8257	4.8573	8.7908	10.010	.24319
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3631	25.155	F 1.1218	2.3663	1.2222	5.1890	2.4412	22.714
Stddev	.0052	.154	.0023	.0044	.0016	.0527	.0036	.127
%RSD	.21800	.61413	.20536	.18699	.13413	1.0154	.14725	.55919
#1	2.3595	25.264	1.1235	2.3632	1.2233	5.2262	2.4438	22.804
#2	2.3667	25.045	1.1202	2.3694	1.2210	5.1517	2.4387	22.624
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3709	1.1805	25.406	2.6502	F 3.4228	25.940	4.8707	F 4.3968
Stddev	.0060	.0021	.147	.0001	.0395	.172	.0020	.0023
%RSD	.25095	.17390	.57988	.00435	1.1542	.66127	.04070	.05269
#1	2.3667	1.1819	25.510	2.6503	3.4508	26.062	4.8693	4.3952
#2	2.3751	1.1790	25.302	2.6501	3.3949	25.819	4.8721	4.3985
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7552	F 5.6059	4.7212	4.7419	5.2253	4.727	4.9183	F 3.4043
Stddev	.0198	.0339	.0136	.0210	.0304	.010	.0260	.6434
%RSD	.41527	.60452	.28720	.44266	.58182	.2079	.52922	18.900
#1	4.7413	5.6299	4.7116	4.7568	5.2468	4.720	4.9367	3.8593
#2	4.7692	5.5819	4.7308	4.7271	5.2038	4.734	4.8999	2.9493

Sample Name: CCV18 Acquired: 11/1/2018 2:49:19 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB114294BL Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.6280
Stddev	.4876
%RSD	18.555

#1	2.9728
#2	2.2832

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3791.8	48177.	4315.8	83.774	3946.3
Stddev	5.5	143.	37.2	1.000	1.5
%RSD	.14528	.29778	.86132	1.1940	.03783

#1	3787.9	48075.	4289.5	83.067	3945.3
#2	3795.7	48278.	4342.1	84.481	3947.4

Sample Name: CCB18 Acquired: 11/1/2018 2:53:07 Type: Unk
 Method: P4-ICP2(v2535) 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	.00368	.00206	.00028	.00020	-.00062	-.00282	.00202	.00003
Stddev	.00051	.00019	.00008	.00136	.00191	.00619	.00030	.00003
%RSD	13.973	9.0592	30.008	693.89	306.88	219.75	14.841	85.248
#1	.00404	.00193	.00033	-.00076	-.00198	-.00719	.00180	.00006
#2	.00332	.00219	.00022	.00116	.00073	.00156	.00223	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00253	.00038	.00038	-.00053	-.00125	-.00000	-.02940
Stddev	.00003	.01040	.00016	.00009	.00028	.00478	.00003	.01979
%RSD	41.655	410.20	43.062	24.589	52.227	381.41	2751.1	67.317
#1	-.00005	.00989	.00050	.00032	-.00033	.00213	-.00003	-.04340
#2	-.00009	-.00482	.00026	.00045	-.00072	-.00464	.00002	-.01541
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	.00041	.08732	.00002	.00044	-.22427	.00053	.01109
Stddev	.00019	.00040	.00446	.00005	.00010	.03484	.00026	.00235
%RSD	89.565	97.811	5.1127	219.86	21.822	15.535	49.312	21.229
#1	.00034	.00069	.09048	-.00001	.00038	-.19963	.00071	.00943
#2	.00008	.00013	.08416	.00006	.00051	-.24890	.00034	.01275
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01014	.01092	.00010	-.00020	F .00619	-.0016	-.00012	F 1.7346
Stddev	.00035	.00072	.00019	.00149	.00192	.0019	.00000	.0094
%RSD	3.4129	6.5795	184.65	734.34	31.051	114.9	.35201	.53891
#1	.01038	.01142	-.00003	-.00126	.00483	-.0003	-.00012	1.7279
#2	.00989	.01041	.00024	.00085	.00755	-.0029	-.00012	1.7412

Sample Name: CCB18 Acquired: 11/1/2018 2:53:07 Type: Unk
Method: P4-ICP2(v2535) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.0530
Stddev .5863
%RSD 55.675

#1 .63848
#2 1.4676

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3857.0	49073.	4306.9	86.133	4343.4
Stddev	10.5	86.	21.1	1.096	5.7
%RSD	.27208	.17435	.48919	1.2725	.13194

#1	3849.6	49012.	4321.8	86.908	4339.3
#2	3864.4	49133.	4292.0	85.358	4347.5