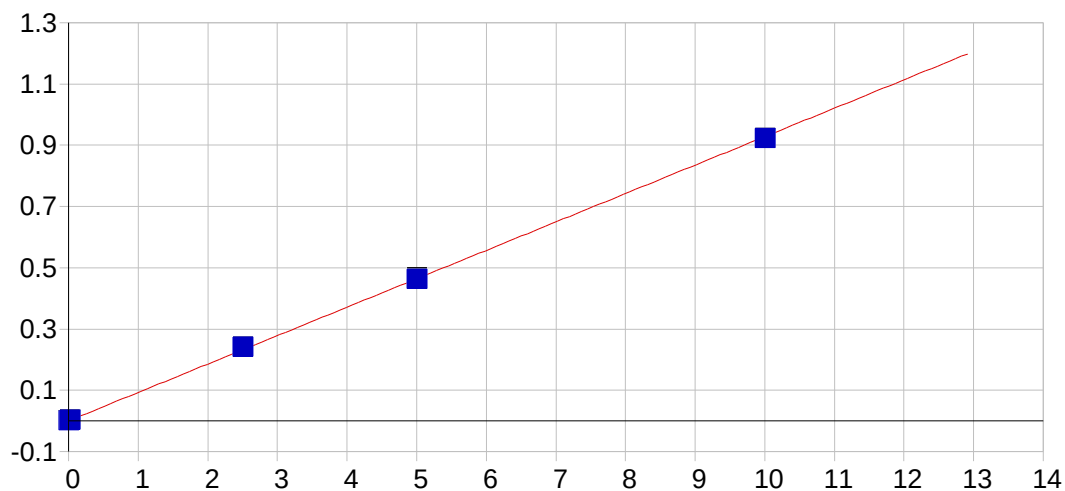


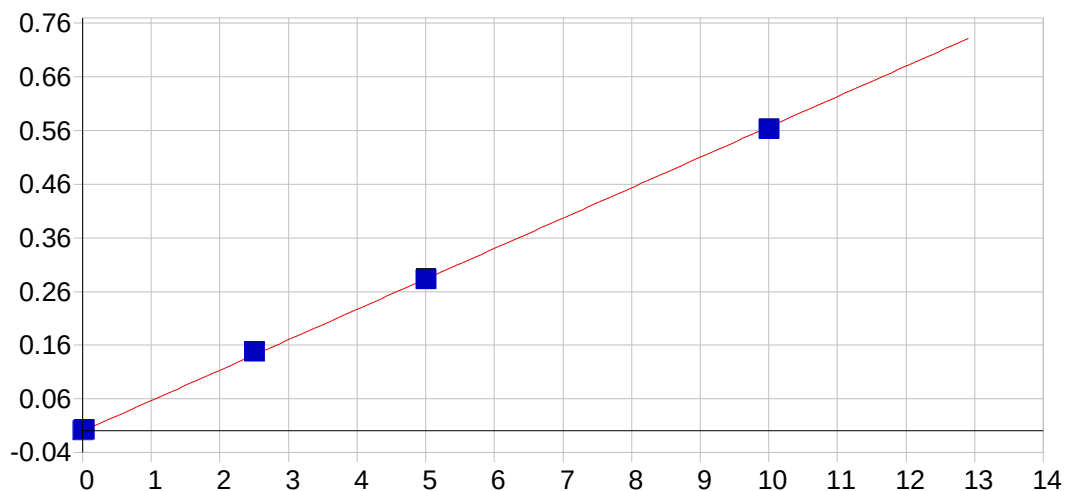


As 189.042 {478}

Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000001 Re-Slope: 1.000000
 A1 (Gain): 0.092821 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999901 Status: OK.
 Std Error of Est: 0.000031
 Predicted MDL: 0.003737
 Predicted MQL: 0.012456

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00000	.000	1
S1	.02000	.02117	.001	5.84	.00196	.000	1
S3	2.5000	2.5842	.084	3.37	.23985	.002	1
S4	5.0000	4.9861	-.014	-.278	.46278	.003	1
S5	10.000	9.9285	-.071	-.715	.92152	.001	1



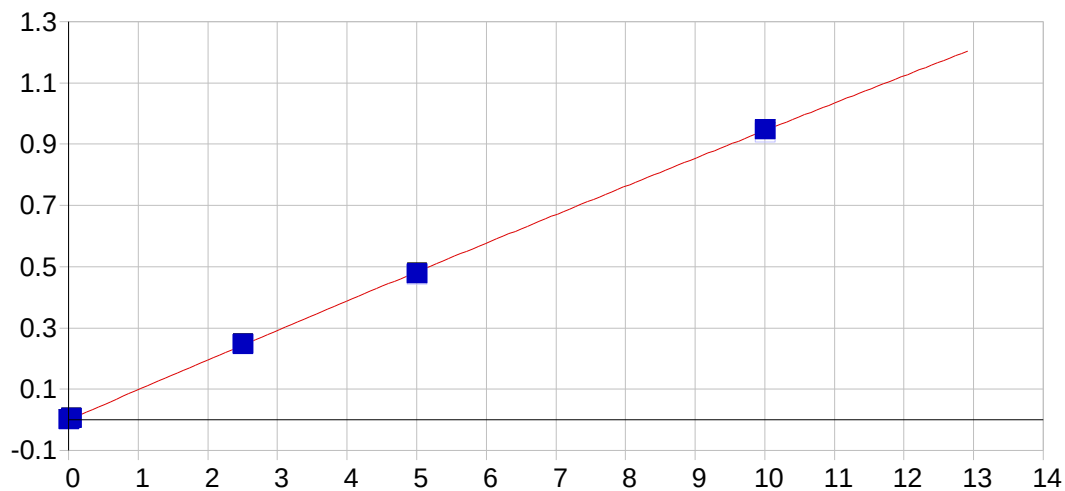
As 189.042 {479}

Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000017 Re-Slope: 1.000000

A1 (Gain): 0.056673 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999855 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.003947
 Predicted MQL: 0.013155

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00002	.000	1
S1	.02000	.02406	.004	20.3	.00138	.000	1
S3	2.5000	2.5940	.094	3.76	.14703	.001	1
S4	5.0000	4.9818	-.018	-.364	.28235	.000	1
S5	10.000	9.9201	-.080	-.799	.56222	.001	1

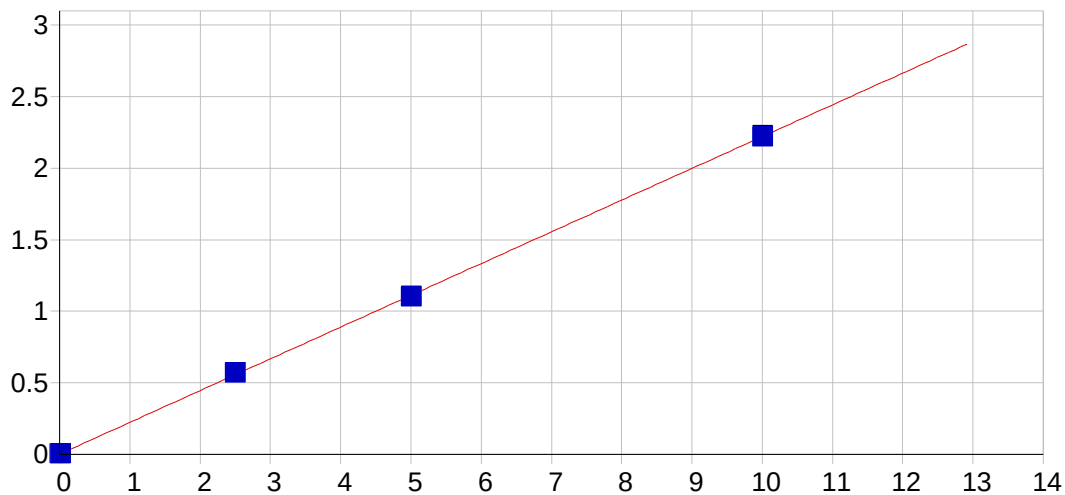


TI 190.856 {477}

Date of Fit: 9/27/2018 16:50:03 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000104 Re-Slope: 1.000000
 A1 (Gain): 0.098745 Y-int: 0.000000
 A2 (Curvature): -0.000427
 n (Exponent): 1.000000
 Correlation: 0.999927 Status: OK.
 Std Error of Est: 0.000048
 Predicted MDL: 0.001851
 Predicted MQL: 0.006172

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00010	.000	1
S1	.04000	.04685	.007	17.1	.00442	.000	1
S3	2.5000	2.5322	.032	1.29	.24467	.000	1
S4	5.0000	4.9366	-.063	-1.27	.47188	.002	1
S5	10.000	10.025	.025	.246	.93669	.001	1

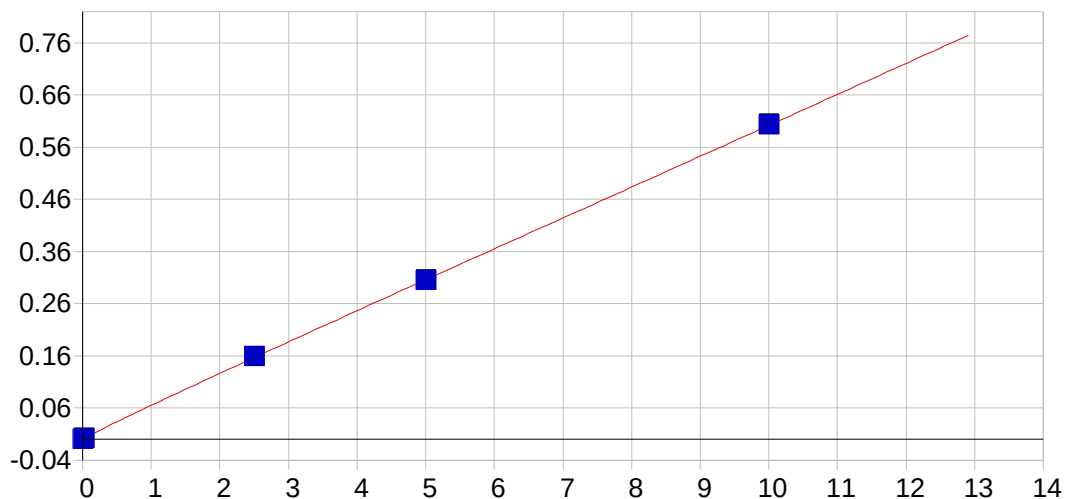


Pb 220.353 {453}

Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002238 Re-Slope: 1.000000
 A1 (Gain): 0.221884 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999949 Status: OK.
 Std Error of Est: 0.000042
 Predicted MDL: 0.001327
 Predicted MQL: 0.004424

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00224	.000	1
S1	.01200	.01407	.002	17.2	.00531	.000	1
S3	2.5000	2.5505	.051	2.02	.56744	.001	1
S4	5.0000	4.9548	-.045	-.904	1.1002	.002	1
S5	10.000	9.9927	-.007	-.073	2.2166	.009	1



Se 196.090 {472}

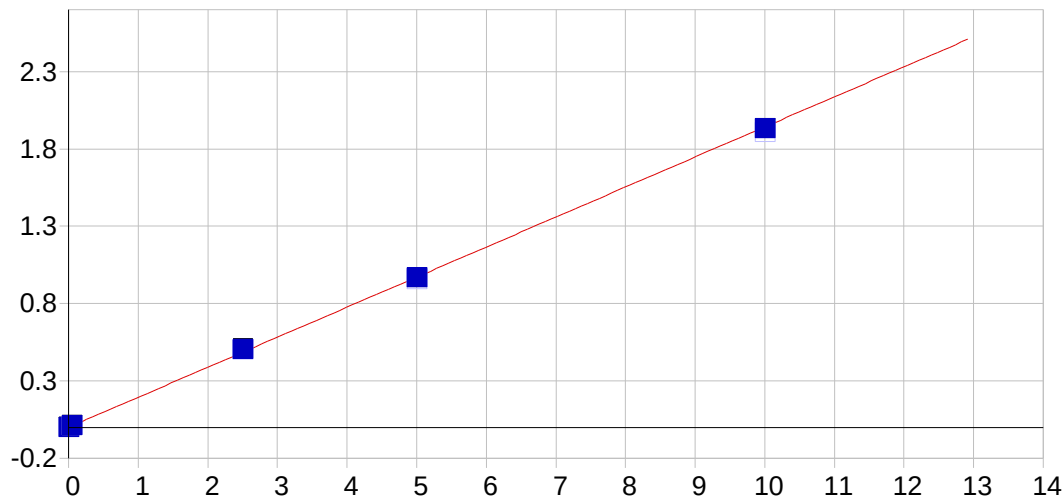
Date of Fit: 9/27/2018 16:50:03 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): -0.000019 Re-Slope: 1.000000
 A1 (Gain): 0.065102 Y-int: 0.000000

A2 (Curvature): 0.000275
 n (Exponent): 0.950000
 Correlation: 0.999989
 Std Error of Est: 0.000012
 Predicted MDL: 0.004282
 Predicted MQL: 0.014275

Status: Warning Positive Curvature

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00002	.000	1
S1	.02000	.01889	-.001	-5.57	.00148	.000	1
S3	2.5000	2.5197	.020	.790	.15821	.000	1
S4	5.0000	4.9723	-.028	-.554	.30454	.002	1
S5	10.000	10.009	.009	.091	.60260	.001	1

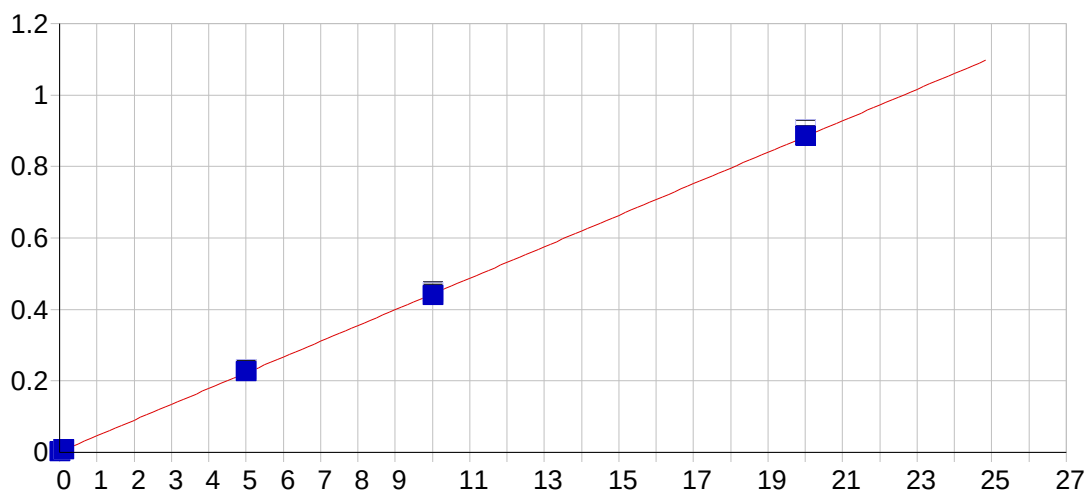


Sb 206.833 {463}

Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000021 Re-Slope: 1.000000
 A1 (Gain): 0.194229 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999857 Status: OK.
 Std Error of Est: 0.000124
 Predicted MDL: 0.001998
 Predicted MQL: 0.006661

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00002	.000	1
S1	.05000	.05687	.007	13.7	.01082	.000	1
S3	2.5000	2.5909	.091	3.64	.49779	.002	1
S4	5.0000	4.9721	-.028	-.559	.95482	.001	1
S5	10.000	9.9303	-.070	-.697	1.9069	.001	1

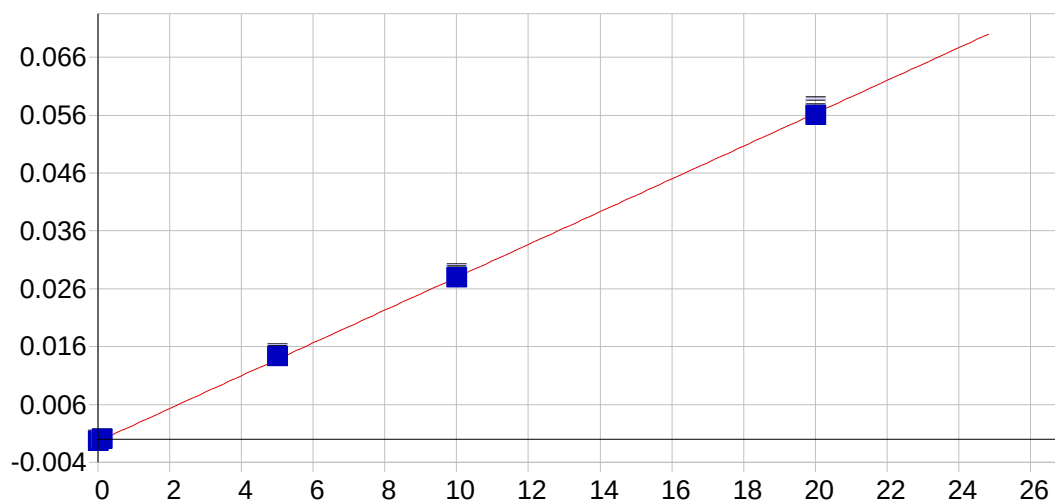


AI 308.215 {109}

Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002093 Re-Slope: 1.000000
 A1 (Gain): 0.044096 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964 Status: OK.
 Std Error of Est: 0.000029
 Predicted MDL: 0.003465
 Predicted MQL: 0.011549

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00209	.000	1
S1	.10000	.10526	.005	5.26	.00704	.000	1
S3	5.0000	5.0819	.082	1.64	.23057	.001	1
S4	10.000	9.9003	-.100	-.997	.44744	.002	1
S5	20.000	20.012	.012	.061	.90211	.001	1



AI 309.271 {109}

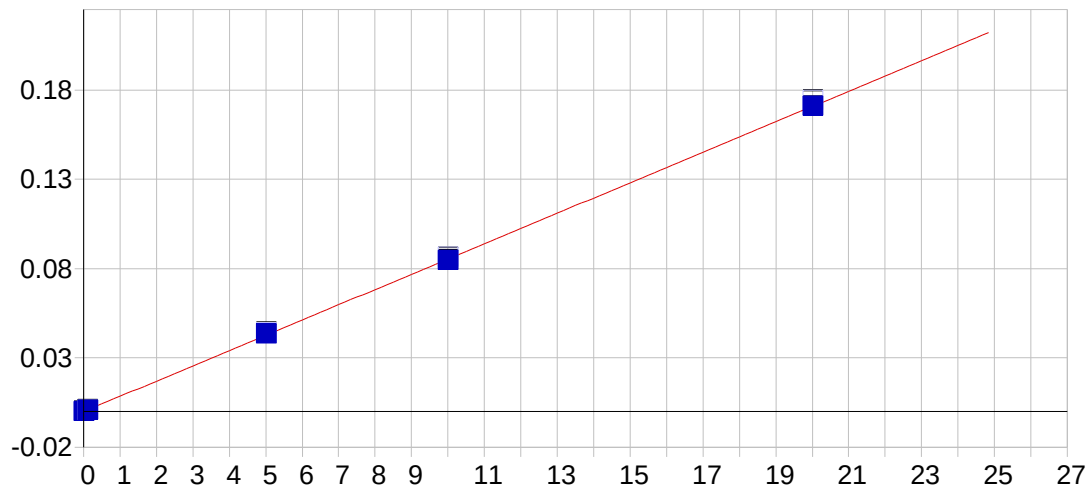
Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000373 Re-Slope: 1.000000
 A1 (Gain): 0.002835 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999857
 Std Error of Est: 0.000004
 Predicted MDL: 0.031390
 Predicted MQL: 0.104635

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00037	.000	1
S1	.10000	.11864	.019	18.6	-.00002	.000	1
S3	5.0000	5.1695	.169	3.39	.01456	.000	1
S4	10.000	9.9439	-.056	-.561	.02838	.000	1
S5	20.000	19.867	-.133	-.665	.05708	.000	1



AI 396.152 { 85}

Date of Fit: 9/27/2018 16:50:03

Type of Fit: Linear

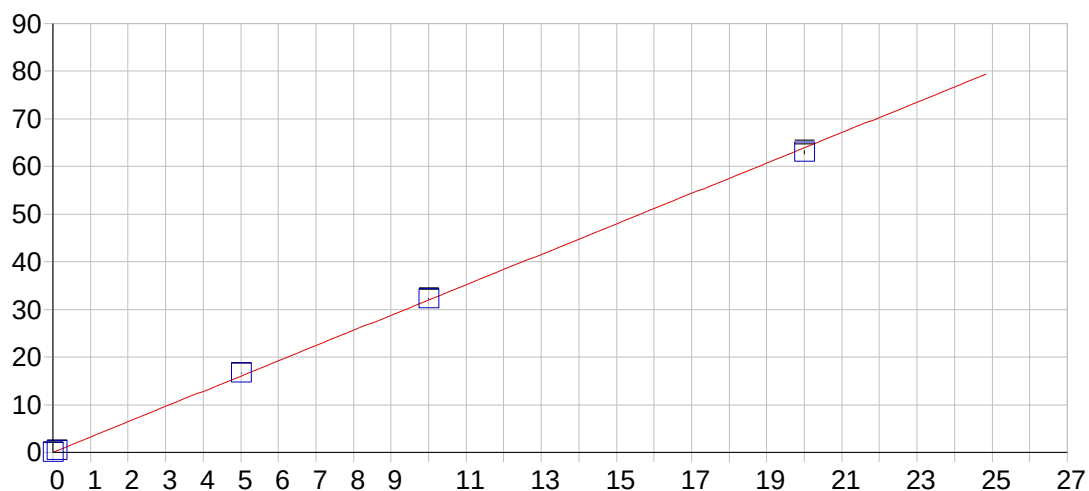
Weighting: 1/Conc

A0 (Offset): -0.000037
 A1 (Gain): 0.008538
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968
 Std Error of Est: 0.000005
 Predicted MDL: 0.015338
 Predicted MQL: 0.051126

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	-.00004	.000	1
S1	.10000	.09538	-.005	-4.62	.00084	.000	1
S3	5.0000	5.0857	.086	1.71	.04424	.000	1
S4	10.000	9.9186	-.081	-.814	.08635	.000	1
S5	20.000	20.001	.001	.003	.17414	.000	1

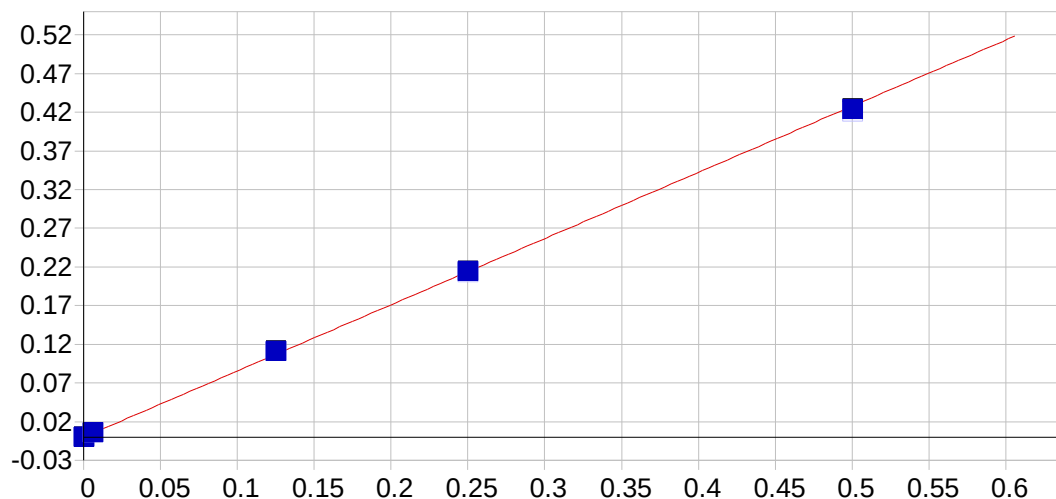


Ba 493.409 { 68}

Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.053139 Re-Slope: 1.000000
 A1 (Gain): 3.193534 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999802 Status: OK.
 Std Error of Est: 0.004856
 Predicted MDL: 0.001176
 Predicted MQL: 0.003919

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.05309	.003	1
S1	.10000	.11185	.012	11.8	.41033	.000	1
S3	5.0000	5.1897	.190	3.79	16.627	.018	1
S5	20.000	19.704	-.296	-1.48	62.978	.423	1
S4	10.000	10.095	.095	.947	32.291	.122	1



Be 234.861 {144}

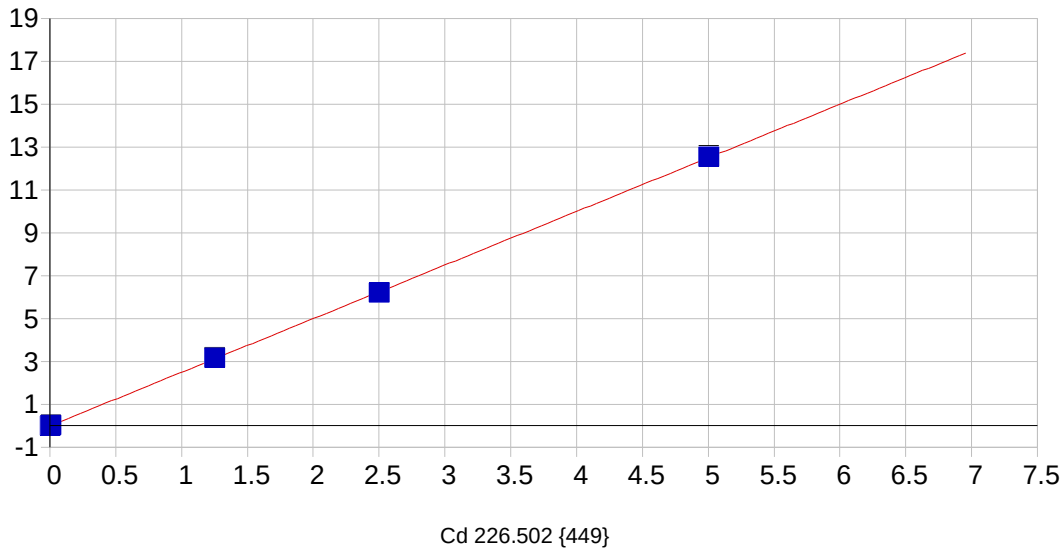
Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000103 Re-Slope: 1.000000
 A1 (Gain): 0.855853 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999844
 Std Error of Est: 0.000045
 Predicted MDL: 0.000093
 Predicted MQL: 0.000310

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00010	.000	1
S1	.00600	.00640	.000	6.71	.00532	.000	1
S3	.12500	.12980	.005	3.84	.11032	.000	1
S4	.25000	.25022	.000	.090	.21271	.000	1
S5	.50000	.49457	-.005	-1.09	.42048	.001	1



Date of Fit: 9/27/2018 16:50:03

Type of Fit: Linear

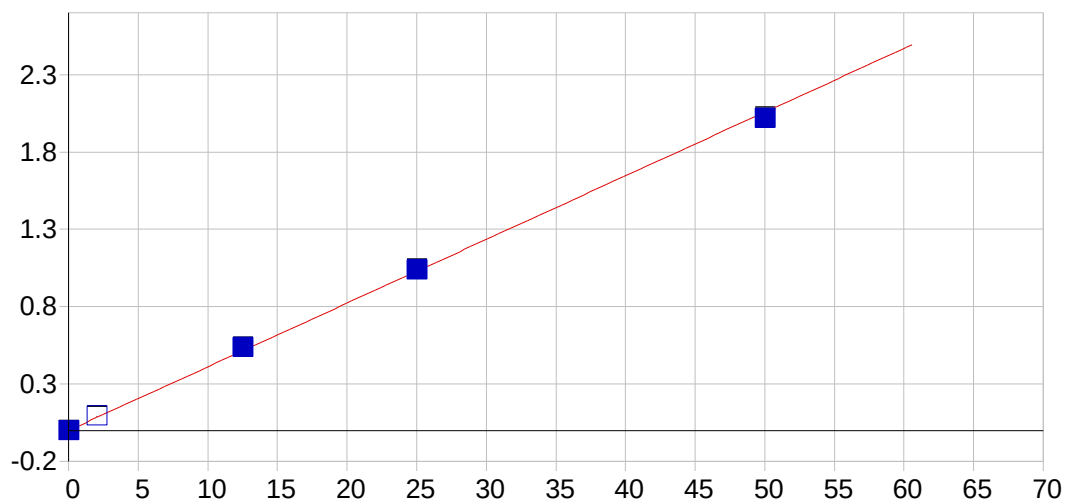
Weighting: 1/Conc

A0 (Offset): -0.000427
 A1 (Gain): 2.500206
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978
 Std Error of Est: 0.000157
 Predicted MDL: 0.000125
 Predicted MQL: 0.000418

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	-.00043	.000	1
S1	.00600	.00621	.000	3.54	.01513	.000	1
S3	1.2500	1.2604	.010	.834	3.1516	.025	1
S4	2.5000	2.4747	-.025	-1.01	6.1884	.017	1
S5	5.0000	5.0146	.015	.293	12.540	.037	1

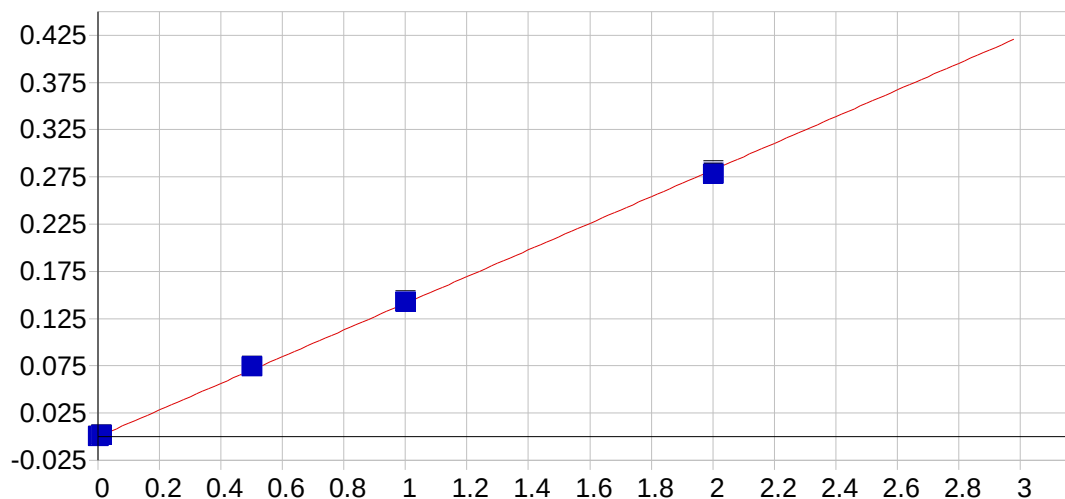


Ca 373.690 { 90}

Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000058 Re-Slope: 1.000000
 A1 (Gain): 0.041150 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999609 Status: OK.
 Std Error of Est: 0.000629
 Predicted MDL: 0.023116
 Predicted MQL: 0.077053

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2294	.229	11.5	.09180	.000	1
S0	.00000	-.00029	-.000	.000	.00005	.000	1
S3	12.500	13.024	.524	4.19	.53628	.001	1
S4	25.000	25.236	.236	.943	1.0391	.006	1
S5	50.000	49.011	-.989	-1.98	2.0180	.007	1



Cr 267.716 {126}

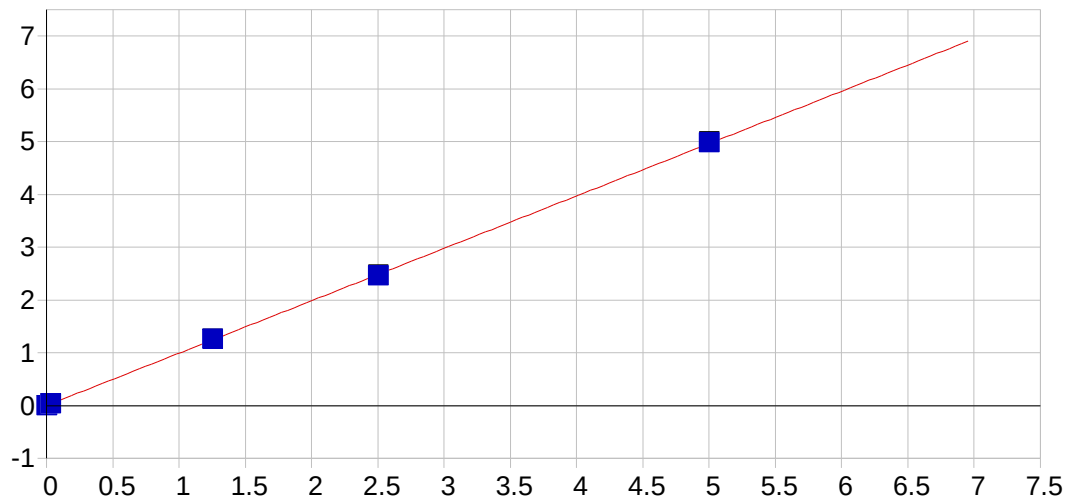
Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000024 Re-Slope: 1.000000
 A1 (Gain): 0.141159 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999757
 Std Error of Est: 0.000024
 Predicted MDL: 0.000675
 Predicted MQL: 0.002250

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00002	.000	1
S1	.01000	.01107	.001	10.7	.00159	.000	1
S3	.50000	.52305	.023	4.61	.07438	.000	1
S4	1.0000	1.0075	.007	.746	.14329	.001	1
S5	2.0000	1.9684	-.032	-1.58	.27999	.001	1



Co 228.616 {447}

Date of Fit: 9/27/2018 16:50:03

Type of Fit: Linear

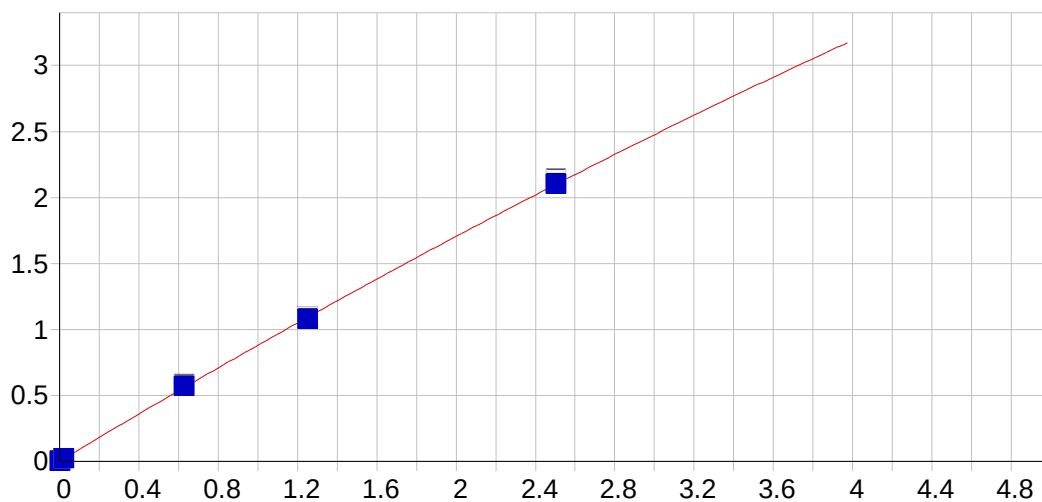
Weighting: 1/Conc

A0 (Offset): -0.000289
 A1 (Gain): 0.992573
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999955
 Std Error of Est: 0.000197
 Predicted MDL: 0.000287
 Predicted MQL: 0.000956

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	-.00029	.000	1
S1	.03000	.03325	.003	10.8	.03251	.000	1
S3	1.2500	1.2590	.009	.720	1.2503	.007	1
S4	2.5000	2.4716	-.028	-1.14	2.4549	.010	1
S5	5.0000	5.0162	.016	.324	4.9825	.012	1

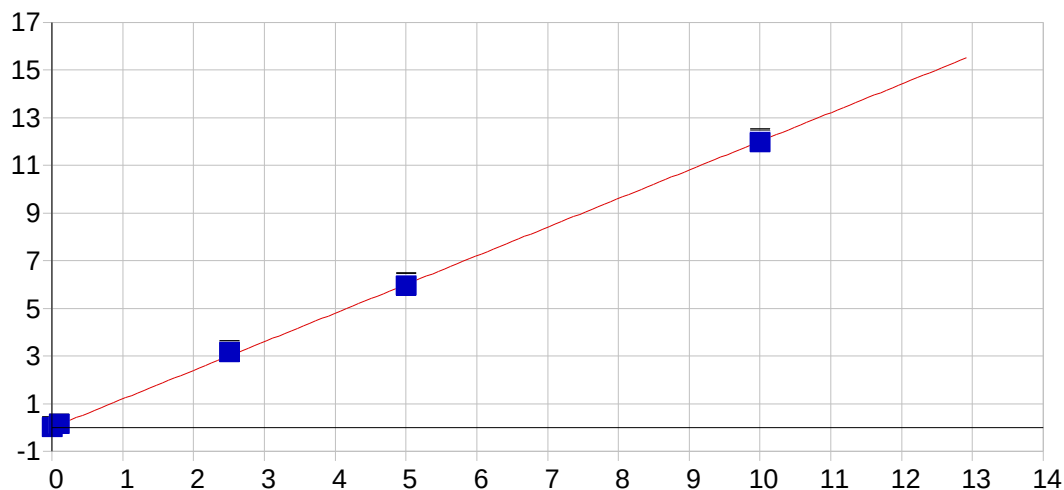


Cu 224.700 {450}

Date of Fit: 9/27/2018 16:50:03 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000982 Re-Slope: 1.000000
 A1 (Gain): 0.906425 Y-int: 0.000000
 A2 (Curvature): -0.027198
 n (Exponent): 1.000000
 Correlation: 0.999951 Status: OK.
 Std Error of Est: 0.000127
 Predicted MDL: 0.000565
 Predicted MQL: 0.001882

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00098	.000	1
S1	.02000	.02020	.000	1.02	.01955	.000	1
S3	.62500	.63586	.011	1.74	.57504	.005	1
S4	1.2500	1.2326	-.017	-1.39	1.0944	.001	1
S5	2.5000	2.5064	.006	.255	2.1368	.004	1



Fe 240.488 {140}

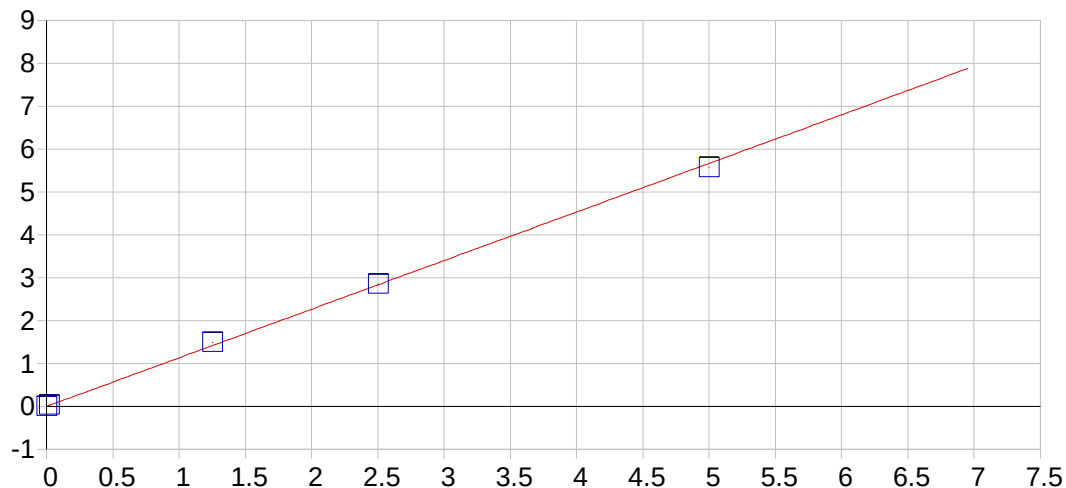
Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006123 Re-Slope: 1.000000
 A1 (Gain): 1.201922 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999796
 Std Error of Est: 0.001320
 Predicted MDL: 0.010313
 Predicted MQL: 0.034376

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00614	.014	1
S1	.10000	.10878	.009	8.78	.12521	.014	1
S3	2.5000	2.6147	.115	4.59	3.1517	.065	1
S4	5.0000	4.9335	-.067	-1.33	5.9537	.107	1
S5	10.000	9.9430	-.057	-.570	12.005	.116	1



Mn 257.610 {131}

Date of Fit: 9/27/2018 16:50:03

Type of Fit: Linear

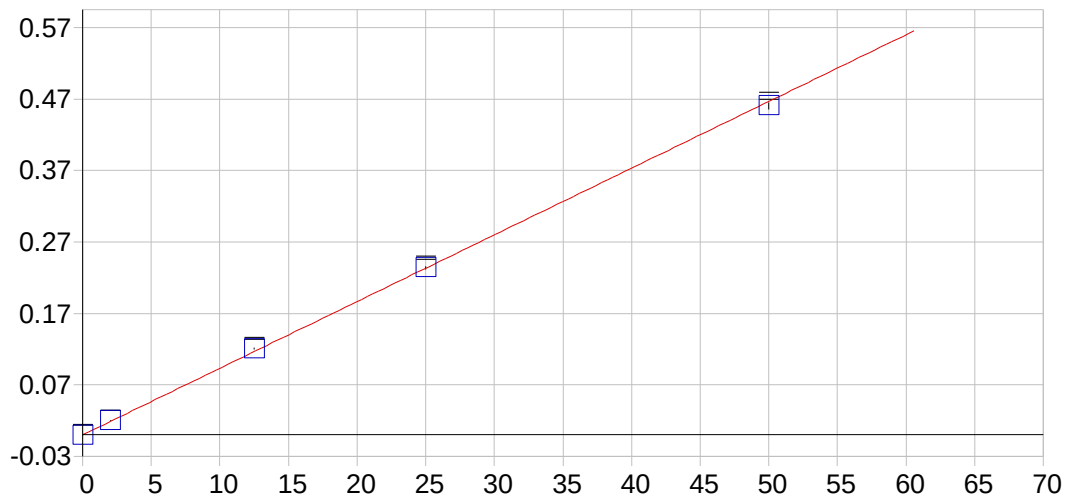
Weighting: 1/Conc

A0 (Offset): 0.000019
 A1 (Gain): 1.133736
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999682
 Std Error of Est: 0.000488
 Predicted MDL: 0.000085
 Predicted MQL: 0.000283

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	.00001	.000	1
S1	.02000	.02306	.003	15.3	.02616	.000	1
S3	1.2500	1.3172	.067	5.38	1.4934	.003	1
S4	2.5000	2.5137	.014	.548	2.8499	.001	1
S5	5.0000	4.9160	-.084	-1.68	5.5735	.010	1

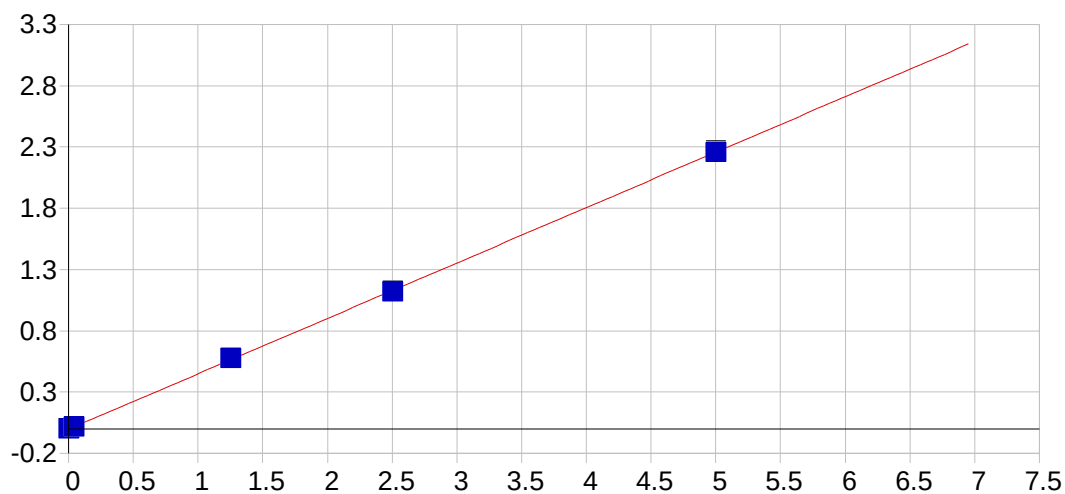


Mg 279.079 {121}

Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000002 Re-Slope: 1.000000
 A1 (Gain): 0.009331 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999814 Status: OK.
 Std Error of Est: 0.000098
 Predicted MDL: 0.050201
 Predicted MQL: 0.167335

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1446	.145	7.23	.02001	.000	1
S0	.00000	-.00019	-.000	.000	-.00000	.000	1
S3	12.500	12.926	.426	3.41	.12062	.001	1
S4	25.000	25.067	.067	.269	.23390	.002	1
S5	50.000	49.362	-.638	-1.28	.46060	.005	1



Ni 231.604 {445}

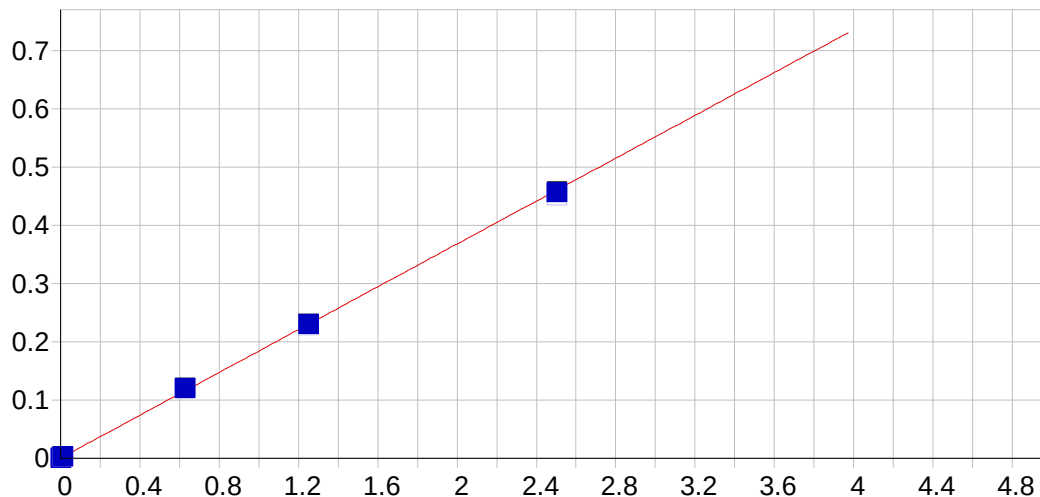
Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003265 Re-Slope: 1.000000
 A1 (Gain): 0.452232 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960
 Std Error of Est: 0.000098
 Predicted MDL: 0.000582
 Predicted MQL: 0.001940

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00327	.000	1
S1	.04000	.04311	.003	7.77	.01624	.000	1
S3	1.2500	1.2691	.019	1.53	.57127	.000	1
S4	2.5000	2.4796	-.020	-.817	1.1193	.003	1
S5	5.0000	4.9982	-.002	-.035	2.2596	.007	1



Ag 328.068 {103}

Date of Fit: 9/27/2018 16:50:03

Type of Fit: Linear

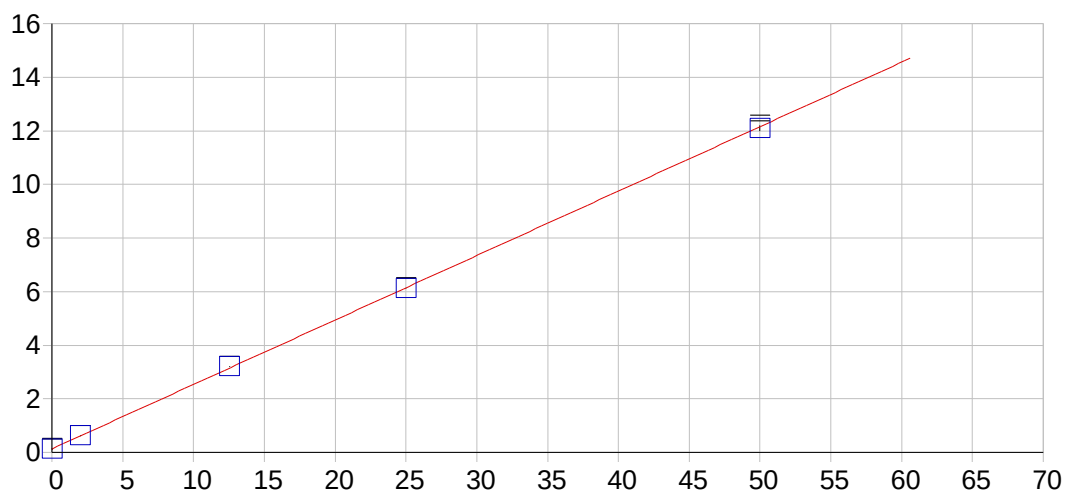
Weighting: 1/Conc

A0 (Offset): 0.000321
 A1 (Gain): 0.183824
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999855
 Std Error of Est: 0.000026
 Predicted MDL: 0.000779
 Predicted MQL: 0.002595

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	.00032	.000	1
S1	.01000	.01122	.001	12.2	.00235	.000	1
S3	.62500	.64865	.024	3.78	.11825	.000	1
S4	1.2500	1.2474	-.003	-.206	.22702	.000	1
S5	2.5000	2.4777	-.022	-.891	.45057	.001	1

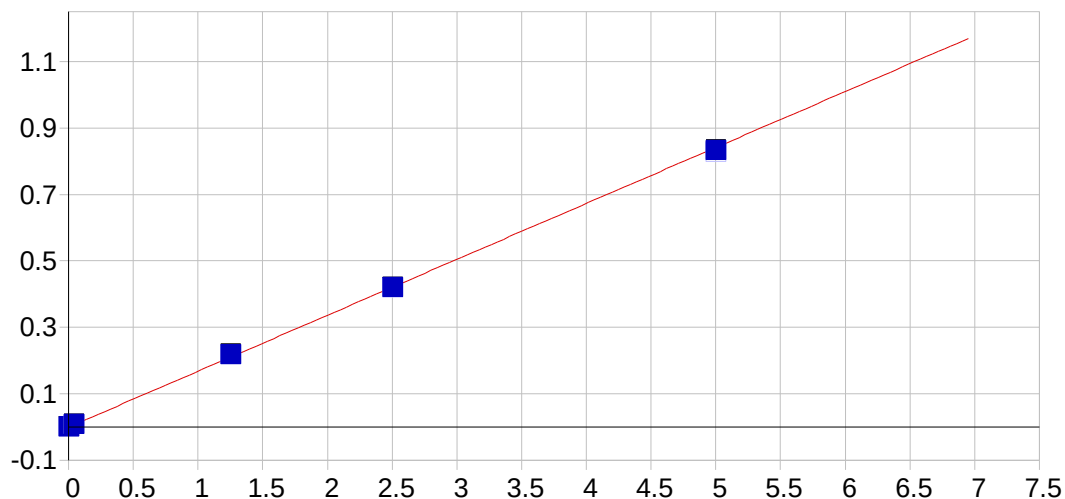


Na 589.592 { 57}

Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.130733 Re-Slope: 1.000000
 A1 (Gain): 0.240509 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999944 Status: OK.
 Std Error of Est: 0.001392
 Predicted MDL: 0.012711
 Predicted MQL: 0.042371

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0706	.071	3.53	.62873	.004	1
S0	.00000	-.00010	-.000	.000	.13071	.003	1
S3	12.500	12.773	.273	2.18	3.2027	.001	1
S4	25.000	24.910	-.090	-.359	6.1219	.006	1
S5	50.000	49.746	-.254	-.507	12.095	.099	1



V 292.402 {115}

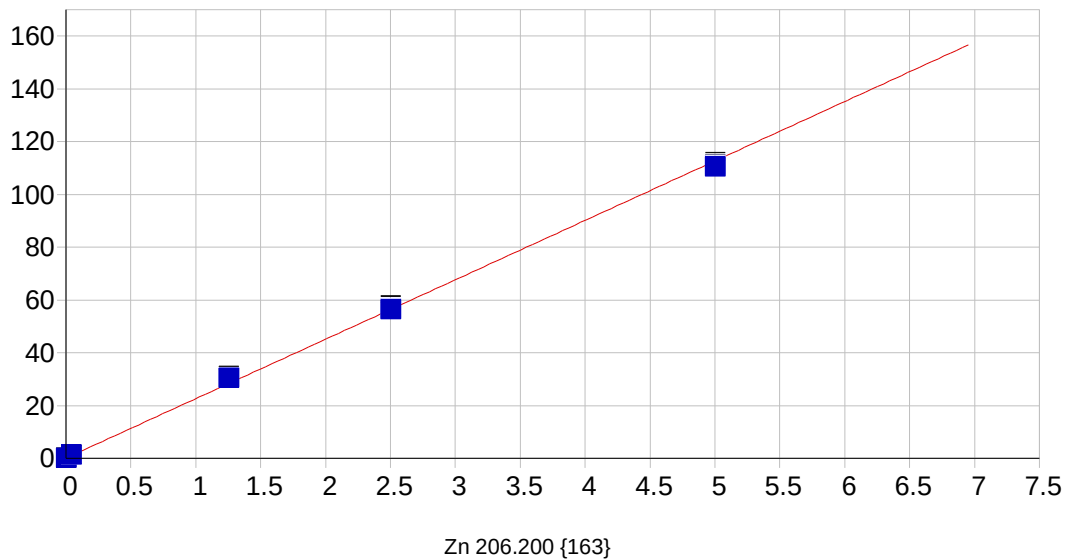
Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000109 Re-Slope: 1.000000
 A1 (Gain): 0.168260 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999813
 Std Error of Est: 0.000078
 Predicted MDL: 0.000679
 Predicted MQL: 0.002265

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00011	.000	1
S1	.04000	.04543	.005	13.6	.00743	.000	1
S3	1.2500	1.2988	.049	3.91	.21706	.000	1
S4	2.5000	2.5004	.000	.018	.41787	.000	1
S5	5.0000	4.9454	-.055	-1.09	.82650	.002	1



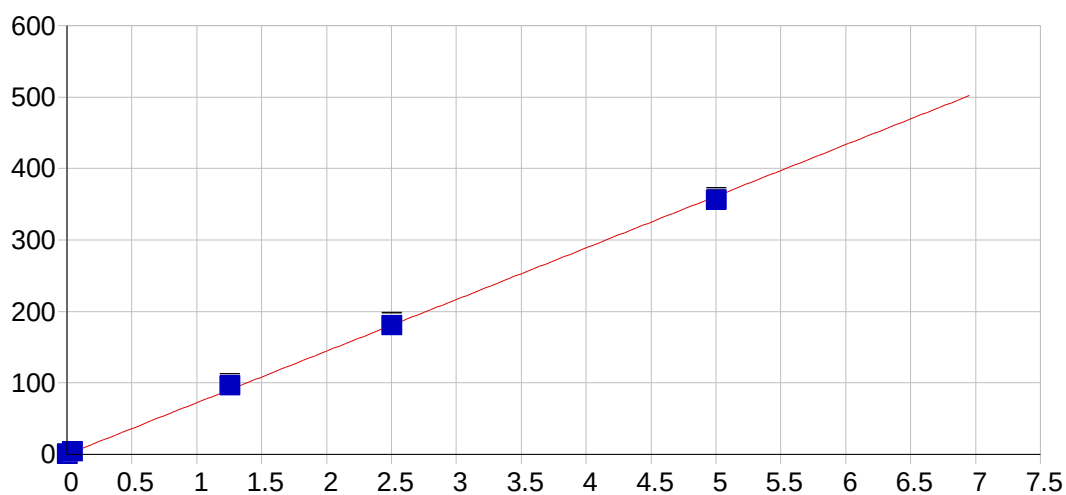
Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.041109
 A1 (Gain): 22.525539
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999367
 Std Error of Est: 0.019525
 Predicted MDL: 0.000686
 Predicted MQL: 0.002288

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	.04087	.007	1
S1	.04000	.04859	.009	21.5	1.1416	.044	1
S3	1.2500	1.3452	.095	7.62	30.513	.459	1
S4	2.5000	2.5005	.000	.020	56.707	1.00	1
S5	5.0000	4.8957	-.104	-2.09	111.00	1.09	1

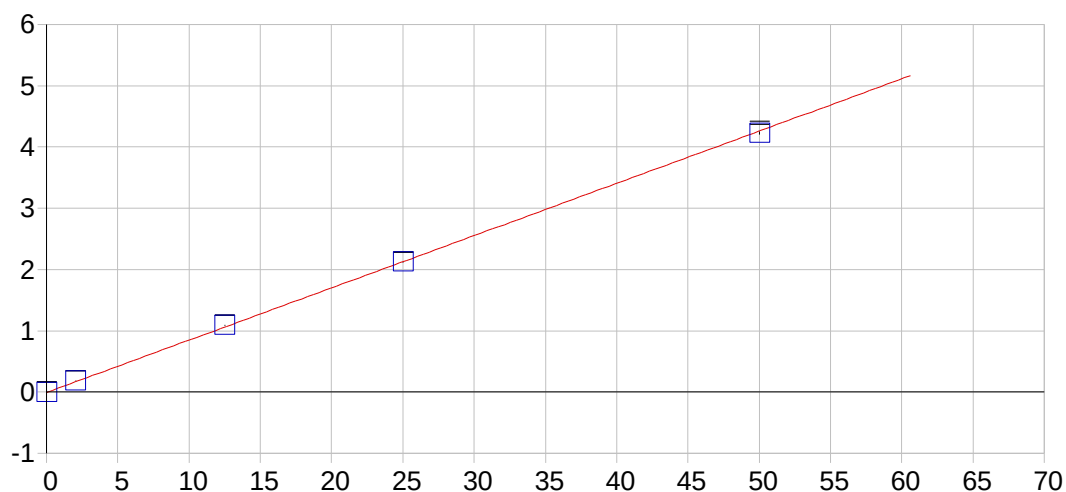


Zn 213.856 {458}

Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.067325 Re-Slope: 1.000000
 A1 (Gain): 72.212173 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999541 Status: OK.
 Std Error of Est: 0.053293
 Predicted MDL: 0.000108
 Predicted MQL: 0.000359

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.06663	.018	1
S1	.04000	.04787	.008	19.7	3.5433	.047	1
S3	1.2500	1.3319	.082	6.55	96.795	1.99	1
S4	2.5000	2.4875	-.013	-.501	180.78	3.79	1
S5	5.0000	4.9227	-.077	-1.55	357.73	1.49	1



K 766.490 {44}

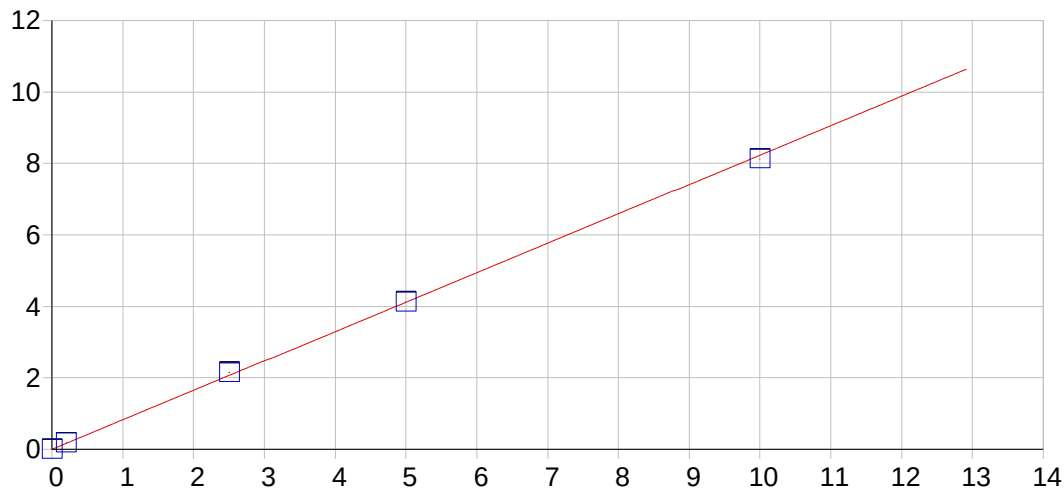
Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005945 Re-Slope: 1.000000
 A1 (Gain): 0.085314 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999882
 Std Error of Est: 0.000716
 Predicted MDL: 0.039425
 Predicted MQL: 0.131416

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1412	.141	7.06	.17673	.000	1
S0	.00000	-.00017	-.000	.000	-.00596	.004	1
S3	12.500	12.818	.318	2.54	1.0876	.002	1
S4	25.000	24.913	-.087	-.347	2.1195	.007	1
S5	50.000	49.628	-.372	-.745	4.2280	.025	1



Mo 202.030 {467}

Date of Fit: 9/27/2018 16:50:03

Type of Fit: Linear

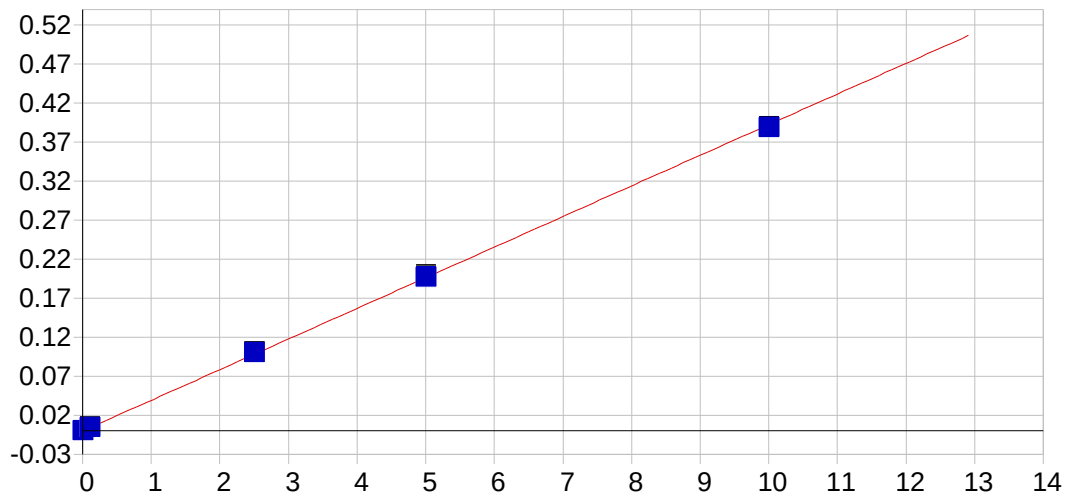
Weighting: 1/Conc

A0 (Offset): 0.000464
 A1 (Gain): 0.823540
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999778
 Std Error of Est: 0.001331
 Predicted MDL: 0.000376
 Predicted MQL: 0.001255

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	.00045	.000	1
S1	.20000	.21276	.013	6.38	.17568	.001	1
S3	2.5000	2.6130	.113	4.52	2.1524	.022	1
S4	5.0000	5.0120	.012	.240	4.1280	.004	1
S5	10.000	9.8623	-.138	-1.38	8.1224	.002	1

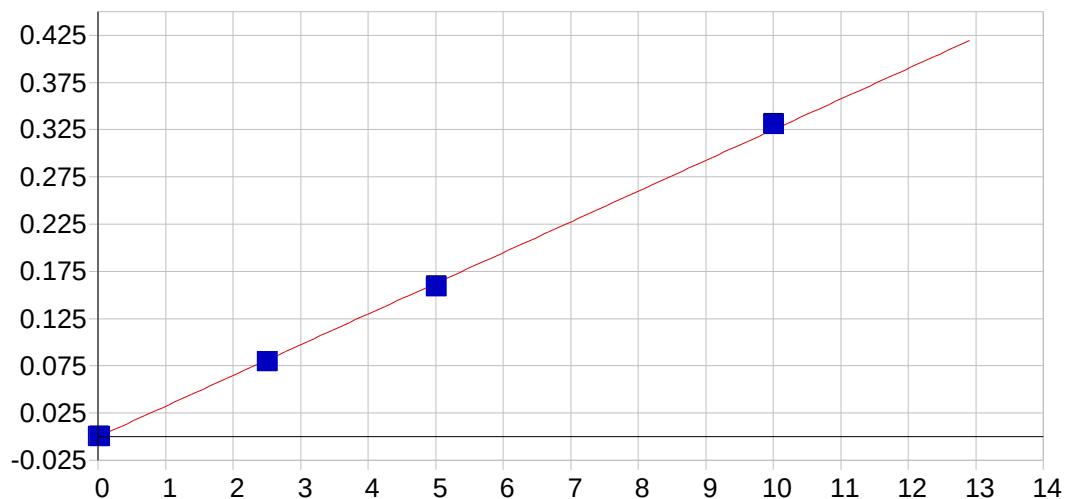


B 249.678 {135}

Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000102 Re-Slope: 1.000000
 A1 (Gain): 0.039245 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999876 Status: OK.
 Std Error of Est: 0.000033
 Predicted MDL: 0.010337
 Predicted MQL: 0.034458

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00010	.000	1
S1	.10000	.11454	.015	14.5	.00458	.000	1
S3	2.5000	2.5593	.059	2.37	.10031	.001	1
S4	5.0000	5.0148	.015	.296	.19645	.003	1
S5	10.000	9.9114	-.089	-.886	.38816	.001	1



S 182.034 {485}

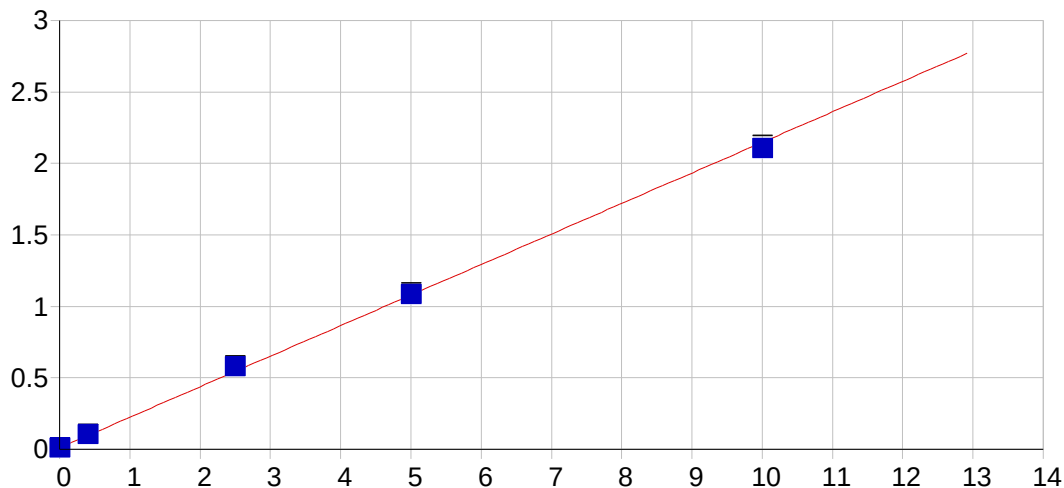
Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000222 Re-Slope: 1.000000
 A1 (Gain): 0.032513 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999724
 Std Error of Est: 0.000018
 Predicted MDL: 0.004438
 Predicted MQL: 0.014793

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00022	.000	1
S1	.02000	.01260	-.007	-37.0	.00017	.000	1
S3	2.5000	2.4475	-.052	-2.10	.07926	.000	1
S4	5.0000	4.8838	-.116	-2.32	.15838	.001	1
S5	10.000	10.176	.176	1.76	.33026	.001	1



Si 288.158 {117}

Date of Fit: 9/27/2018 16:50:03

Type of Fit: Linear

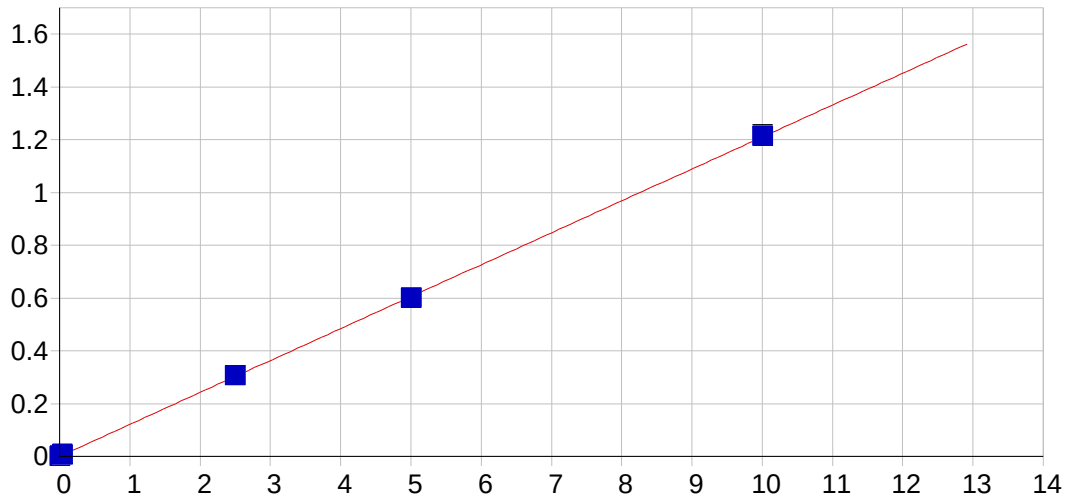
Weighting: 1/Conc

A0 (Offset): 0.010561
 A1 (Gain): 0.213678
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999505
 Std Error of Est: 0.000734
 Predicted MDL: 0.004162
 Predicted MQL: 0.013872

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	-.00005	-.000	.000	.01055	.001	1
S1	.40000	.43443	.034	8.61	.10332	.001	1
S3	2.5000	2.6613	.161	6.45	.57894	.003	1
S4	5.0000	5.0116	.012	.232	1.0809	.013	1
S5	10.000	9.7927	-.207	-2.07	2.1019	.022	1

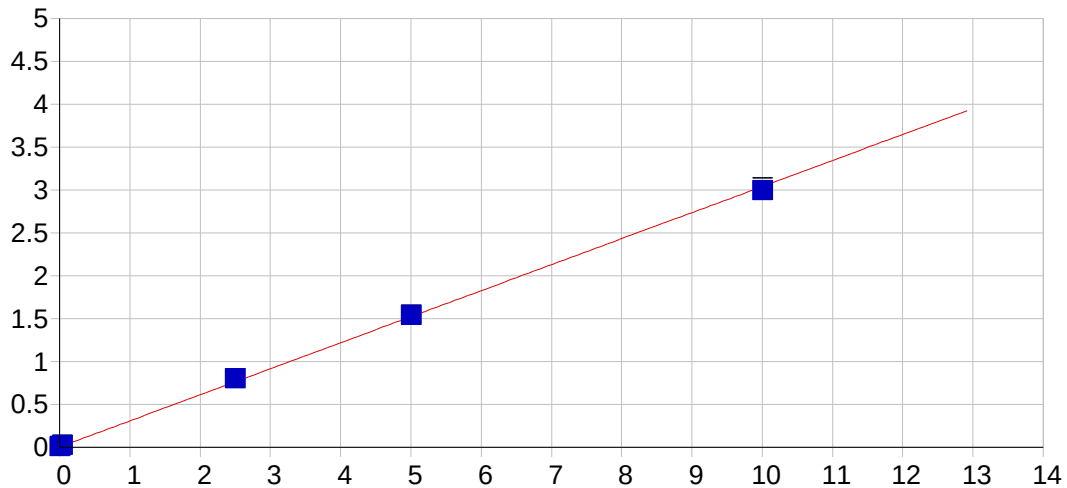


Sn 189.989 {477}

Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000449 Re-Slope: 1.000000
 A1 (Gain): 0.120965 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961 Status: OK.
 Std Error of Est: 0.000037
 Predicted MDL: 0.001188
 Predicted MQL: 0.003960

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00045	.000	1
S1	.04000	.04519	.005	13.0	.00592	.000	1
S3	2.5000	2.5229	.023	.915	.30568	.000	1
S4	5.0000	4.9526	-.047	-.948	.59965	.000	1
S5	10.000	10.019	.019	.193	1.2127	.004	1



Ti 336.121 {100}

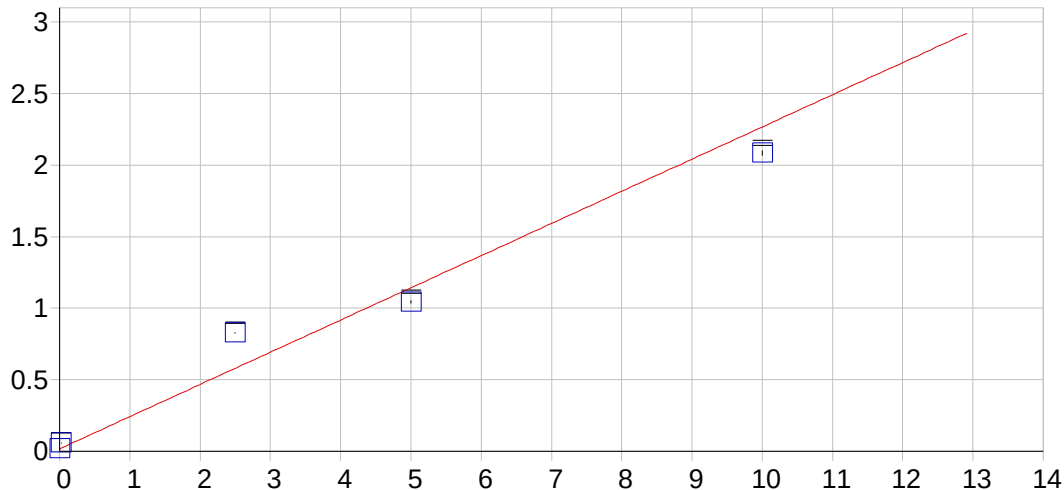
Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004995 Re-Slope: 1.000000
 A1 (Gain): 0.303540 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999764
 Std Error of Est: 0.000225
 Predicted MDL: 0.002171
 Predicted MQL: 0.007236

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00499	.000	1
S1	.04000	.04507	.005	12.7	.01867	.001	1
S3	2.5000	2.6082	.108	4.33	.79660	.001	1
S4	5.0000	5.0456	.046	.912	1.5363	.000	1
S5	10.000	9.8411	-.159	-1.59	2.9918	.028	1



Li 670.784 { 50}

Date of Fit: 9/27/2018 16:50:03

Type of Fit: Linear

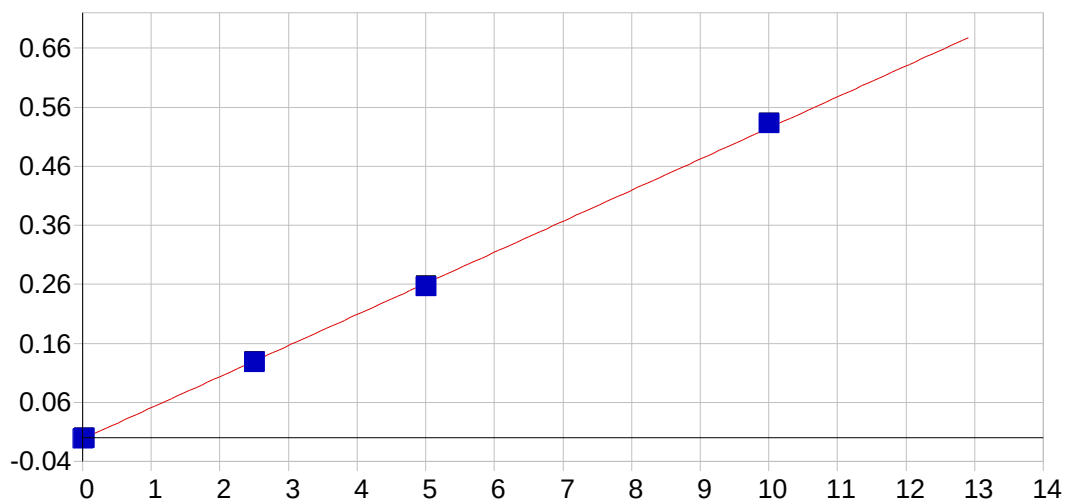
Weighting: 1/Conc

A0 (Offset): 0.017804
 A1 (Gain): 0.224931
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.950340
 Std Error of Est: 0.001779
 Predicted MDL: 0.014177
 Predicted MQL: 0.047258

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	-.00017	-.000	.000	.01777	.001	1
S1	.02000	.18073	.161	804.	.05845	.001	1
S3	2.5000	3.5958	1.10	43.8	.82661	.004	1
S4	5.0000	4.5551	-.445	-8.90	1.0424	.011	1
S5	10.000	9.1884	-.812	-8.12	2.0845	.016	1

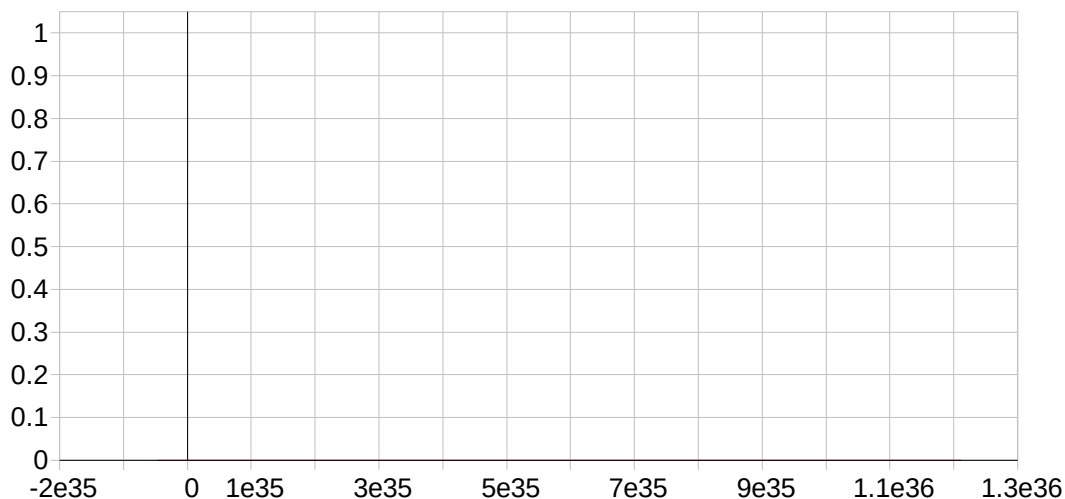


P 177.495 {490}

Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001819	Re-Slope:	1.000000
A1 (Gain):	0.052648	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999841	Status:	OK.
Std Error of Est:	0.000023		
Predicted MDL:	0.002655		
Predicted MQL:	0.008849		

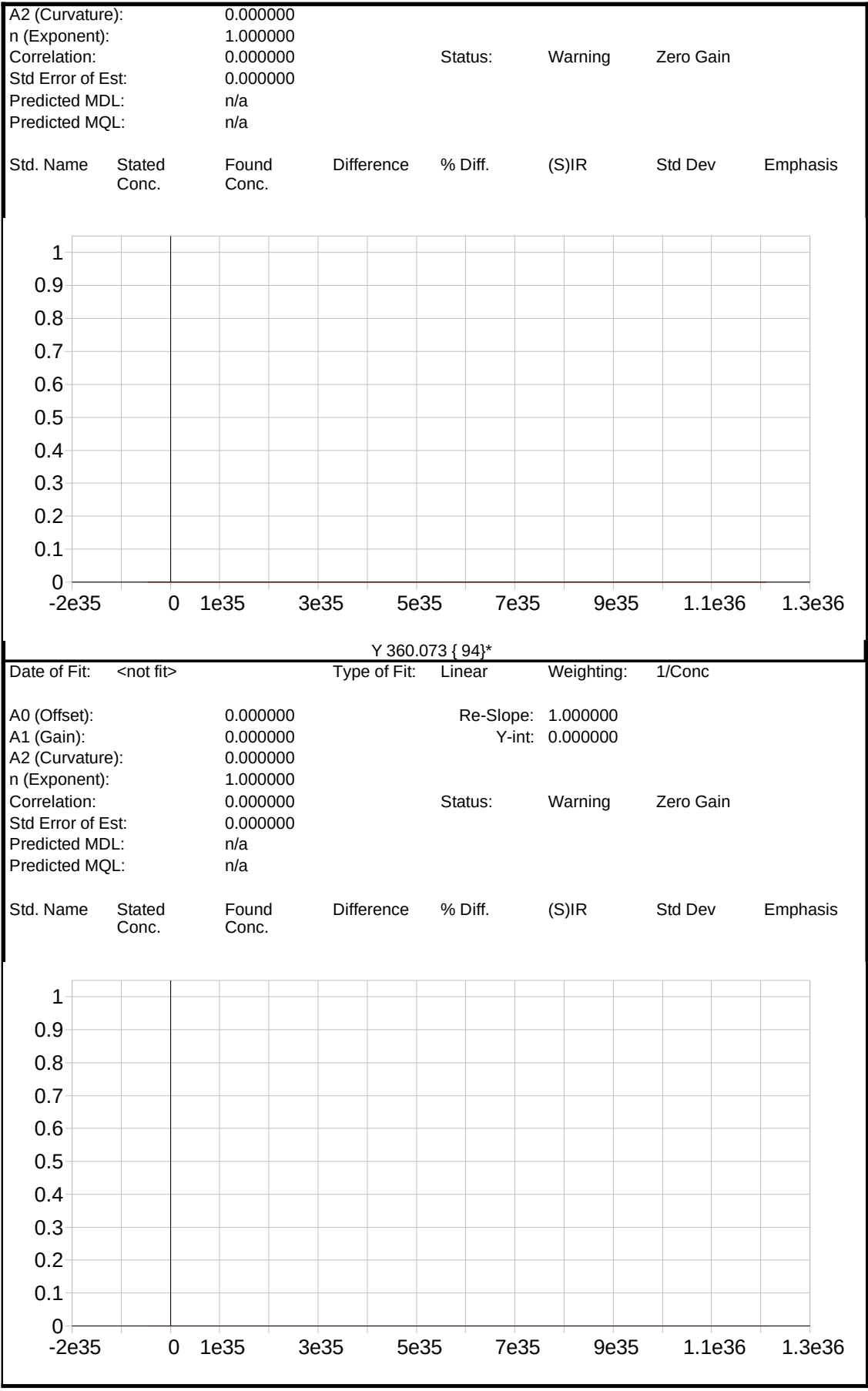
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00182	.000	1
S1	.02000	.01560	-.004	-22.0	-.00100	.000	1
S3	2.5000	2.4576	-.042	-1.70	.12738	.000	1
S4	5.0000	4.9041	-.096	-1.92	.25599	.000	1
S5	10.000	10.143	.143	1.43	.53141	.000	1

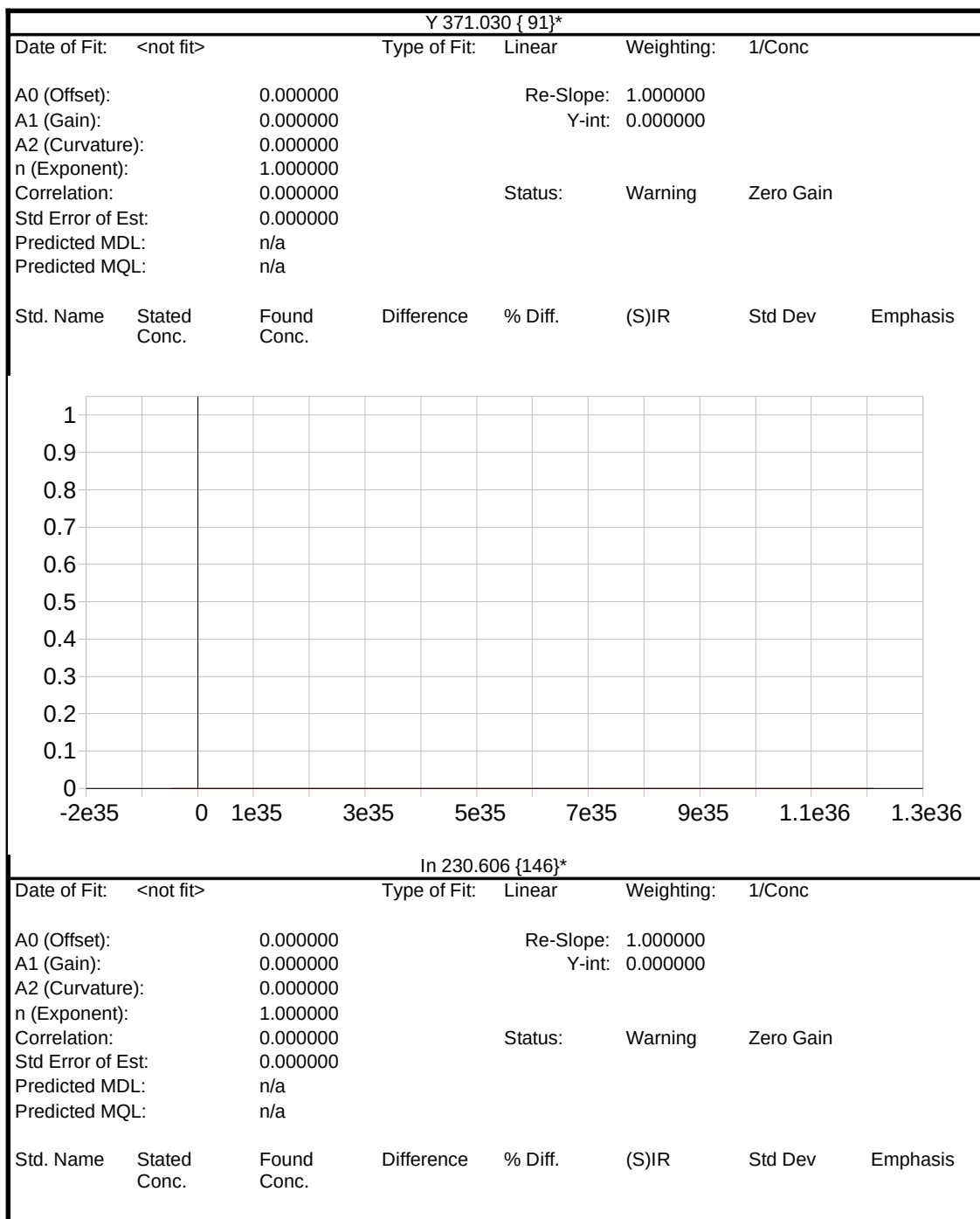


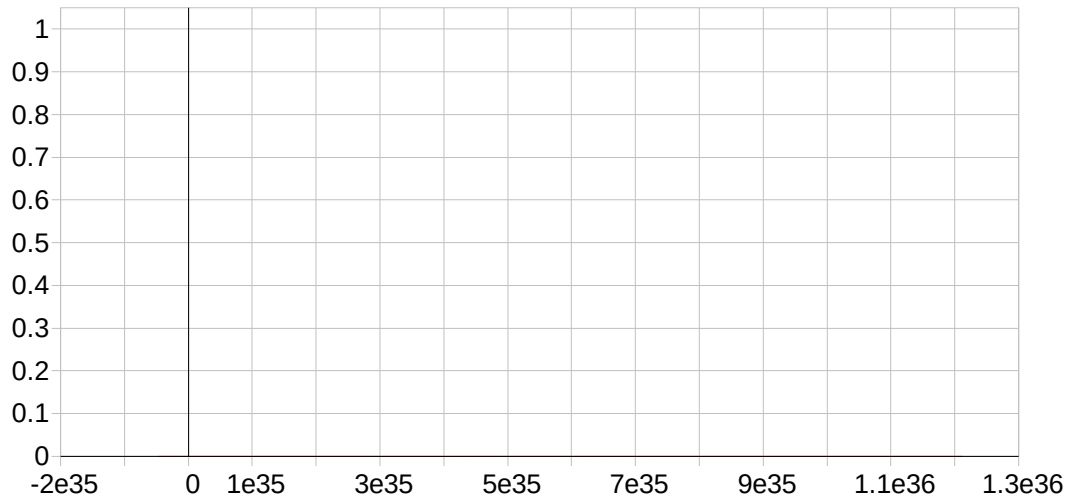
Y 224.306 {450}*

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

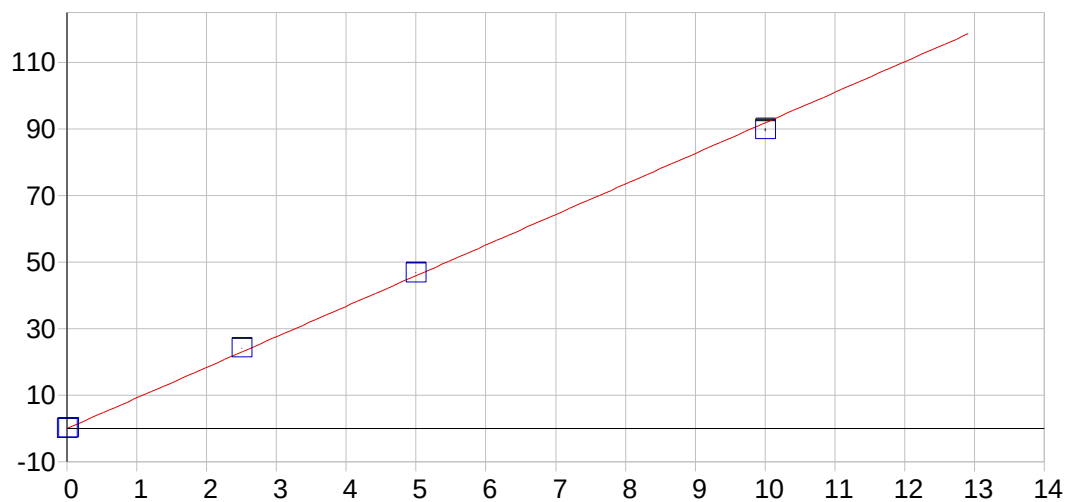
Status: Warning Zero Gain

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
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Sr 407.771 { 83}

Date of Fit: 9/27/2018 16:50:03

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.005592

Re-Slope: 1.000000

A1 (Gain): 9.184200

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999594

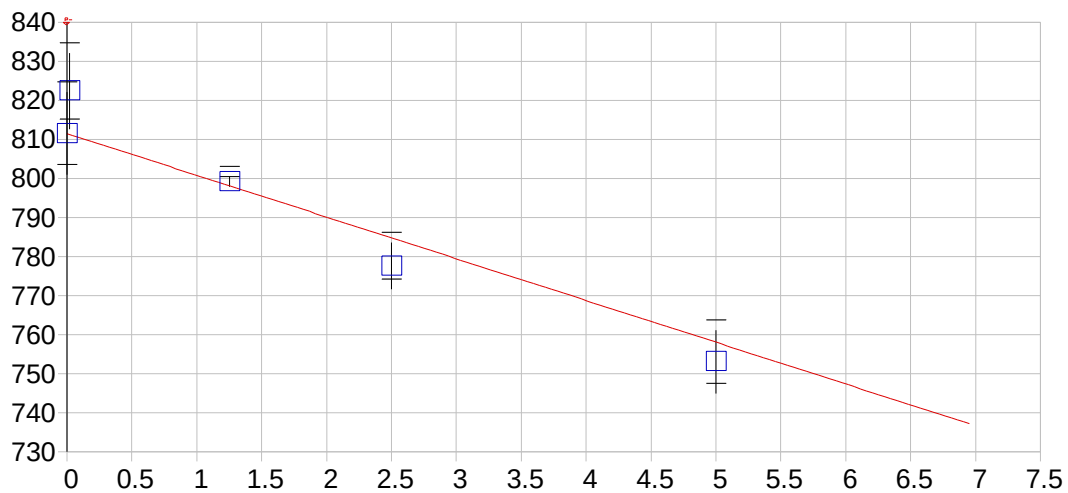
Status: OK.

Std Error of Est: 0.006321

Predicted MDL: 0.000129

Predicted MQL: 0.000431

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00561	.001	1
S1	.02000	.02089	.001	4.44	.18625	.001	1
S3	2.5000	2.6340	.134	5.36	24.185	.085	1
S4	5.0000	5.0940	.094	1.88	46.779	.142	1
S5	10.000	9.7711	-.229	-2.29	89.734	.397	1

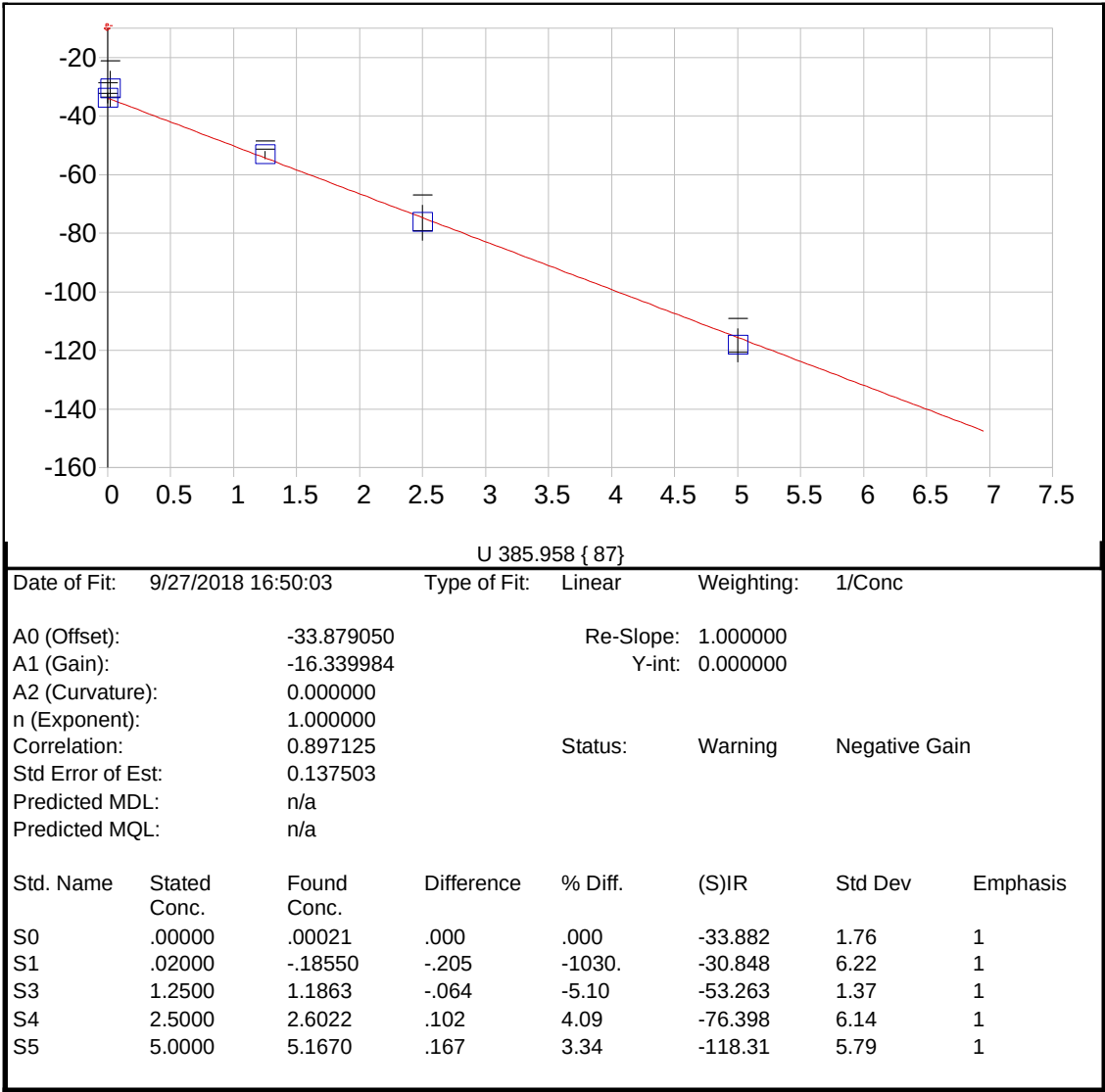


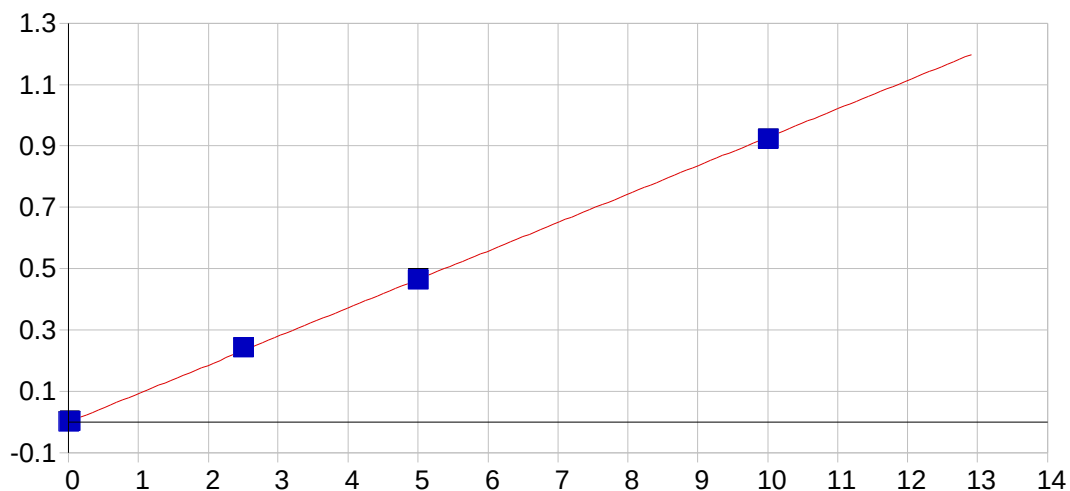
U 367.007 { 92 }

Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 811.523897 Re-Slope: 1.000000
A1 (Gain): -10.694173 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.373384 Status: Warning Negative Gain
Std Error of Est: 0.454043
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00103	.001	.000	811.51	10.6	1
S1	.02000	-1.0178	-1.04	-5190.	822.41	9.78	1
S3	1.2500	1.1496	-.100	-8.03	799.23	1.28	1
S4	2.5000	3.1702	.670	26.8	777.62	6.05	1
S5	5.0000	5.4679	.468	9.36	753.05	8.11	1



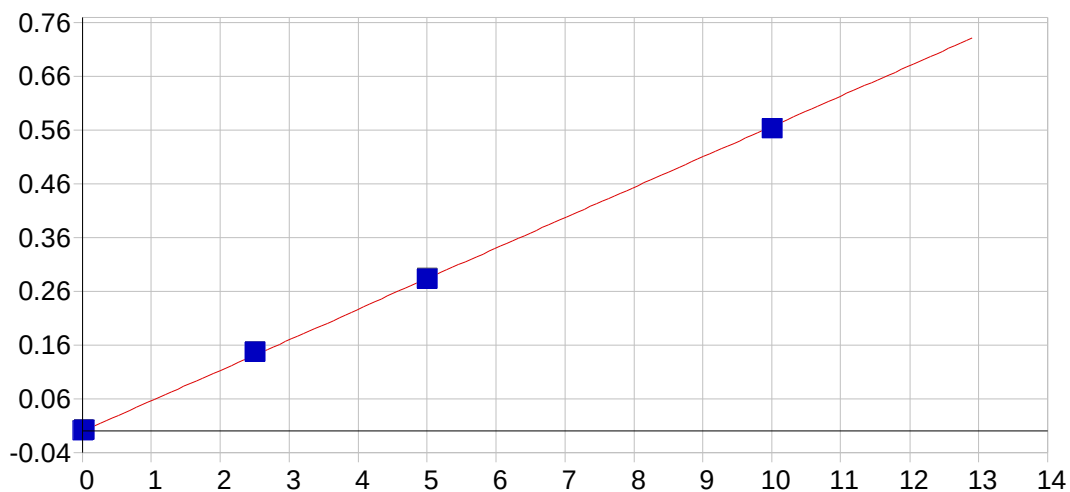


As 189.042 {478}

Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000001 Re-Slope: 1.000000
 A1 (Gain): 0.092821 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999901 Status: OK.
 Std Error of Est: 0.000031
 Predicted MDL: 0.003737
 Predicted MQL: 0.012456

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00000	.000	1
S1	.02000	.02117	.001	5.84	.00196	.000	1
S3	2.5000	2.5842	.084	3.37	.23985	.002	1
S4	5.0000	4.9861	-.014	-.278	.46278	.003	1
S5	10.000	9.9285	-.071	-.715	.92152	.001	1



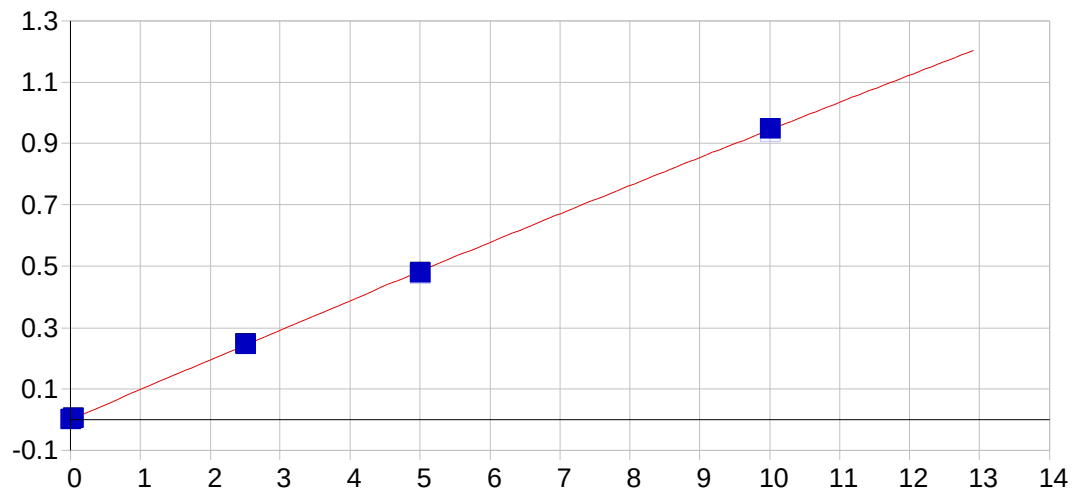
As 189.042 {479}

Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000017 Re-Slope: 1.000000

A1 (Gain): 0.056673 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999855 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.003947
 Predicted MQL: 0.013155

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00002	.000	1
S1	.02000	.02406	.004	20.3	.00138	.000	1
S3	2.5000	2.5940	.094	3.76	.14703	.001	1
S4	5.0000	4.9818	-.018	-.364	.28235	.000	1
S5	10.000	9.9201	-.080	-.799	.56222	.001	1

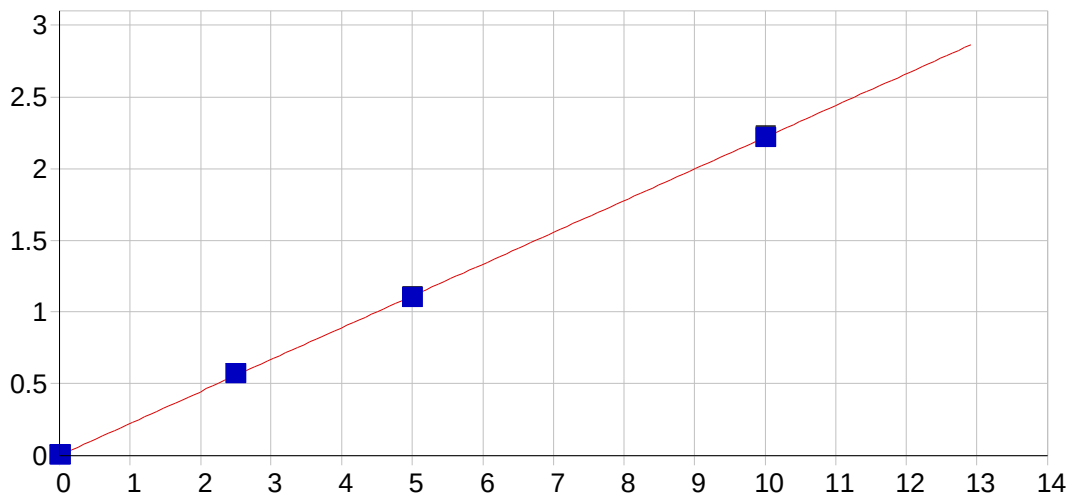


TI 190.856 {477}

Date of Fit: 9/27/2018 16:50:03 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000104 Re-Slope: 1.000000
 A1 (Gain): 0.098745 Y-int: 0.000000
 A2 (Curvature): -0.000427
 n (Exponent): 1.000000
 Correlation: 0.999927 Status: OK.
 Std Error of Est: 0.000048
 Predicted MDL: 0.001851
 Predicted MQL: 0.006172

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00010	.000	1
S1	.04000	.04685	.007	17.1	.00442	.000	1
S3	2.5000	2.5322	.032	1.29	.24467	.000	1
S4	5.0000	4.9366	-.063	-1.27	.47188	.002	1
S5	10.000	10.025	.025	.246	.93669	.001	1

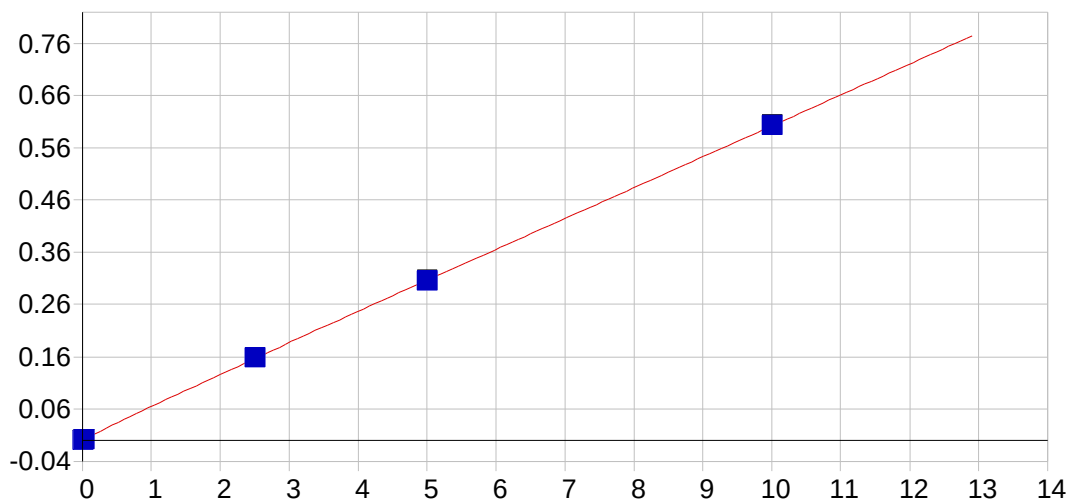


Pb 220.353 {453}

Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002238 Re-Slope: 1.000000
 A1 (Gain): 0.221884 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999949 Status: OK.
 Std Error of Est: 0.000042
 Predicted MDL: 0.001327
 Predicted MQL: 0.004424

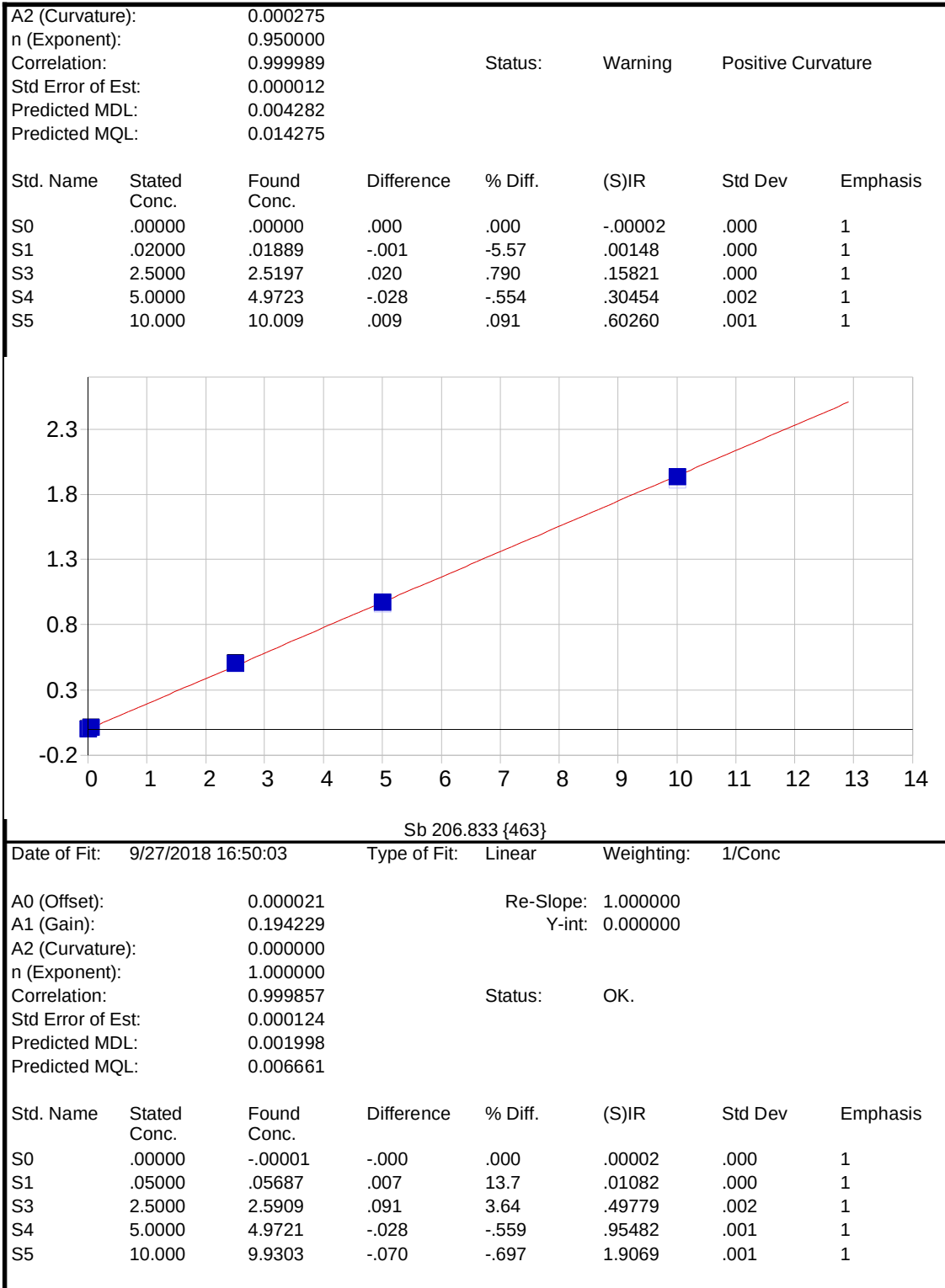
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00224	.000	1
S1	.01200	.01407	.002	17.2	.00531	.000	1
S3	2.5000	2.5505	.051	2.02	.56744	.001	1
S4	5.0000	4.9548	-.045	-.904	1.1002	.002	1
S5	10.000	9.9927	-.007	-.073	2.2166	.009	1

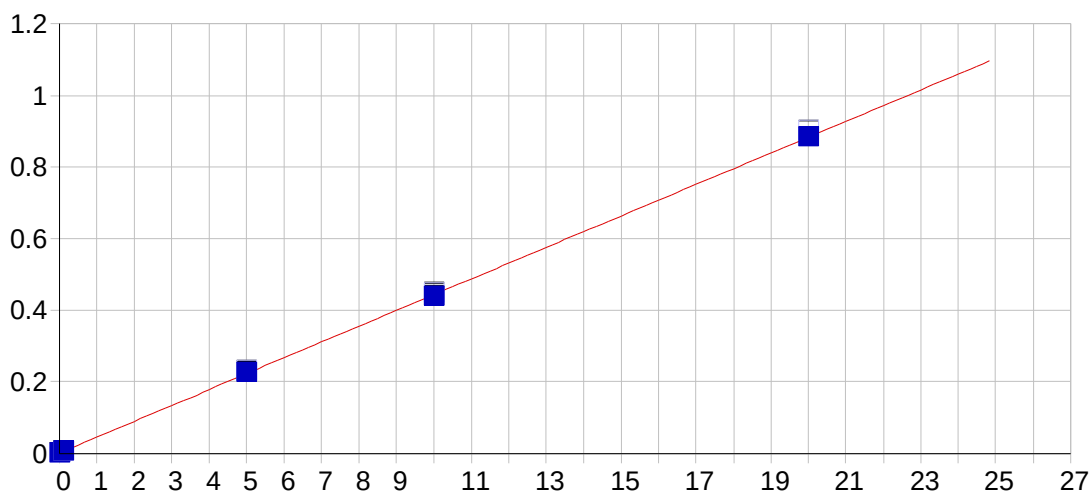


Se 196.090 {472}

Date of Fit: 9/27/2018 16:50:03 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): -0.000019 Re-Slope: 1.000000
 A1 (Gain): 0.065102 Y-int: 0.000000



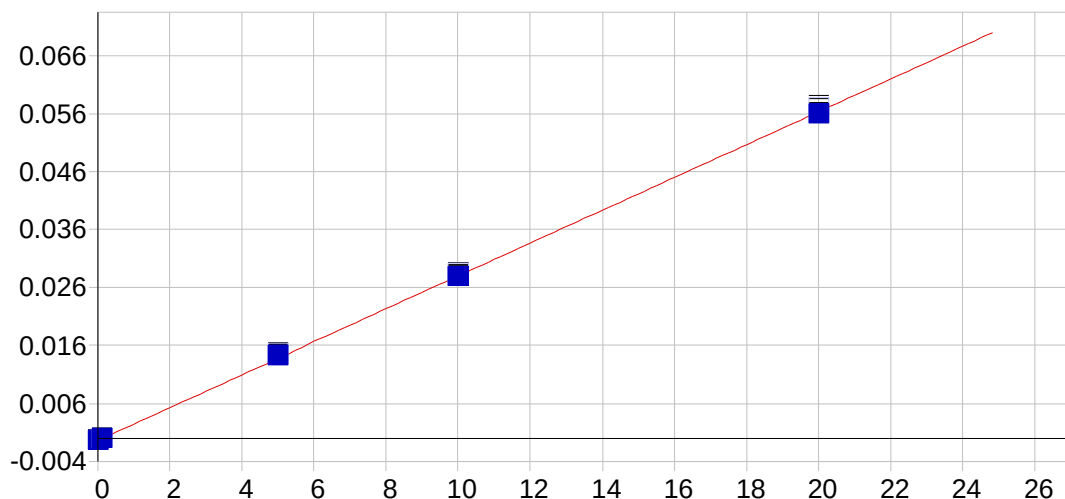


AI 308.215 {109}

Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002093 Re-Slope: 1.000000
 A1 (Gain): 0.044096 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964 Status: OK.
 Std Error of Est: 0.000029
 Predicted MDL: 0.003465
 Predicted MQL: 0.011549

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00209	.000	1
S1	.10000	.10526	.005	5.26	.00704	.000	1
S3	5.0000	5.0819	.082	1.64	.23057	.001	1
S4	10.000	9.9003	-.100	-.997	.44744	.002	1
S5	20.000	20.012	.012	.061	.90211	.001	1



AI 309.271 {109}

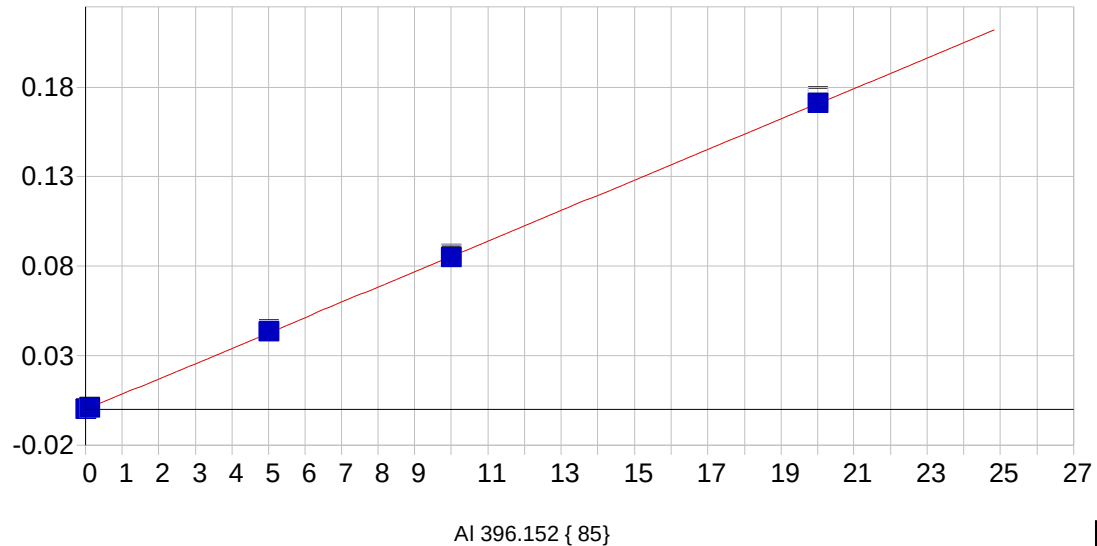
Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000373 Re-Slope: 1.000000
 A1 (Gain): 0.002835 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999857
 Std Error of Est: 0.000004
 Predicted MDL: 0.031390
 Predicted MQL: 0.104635

Status: OK.

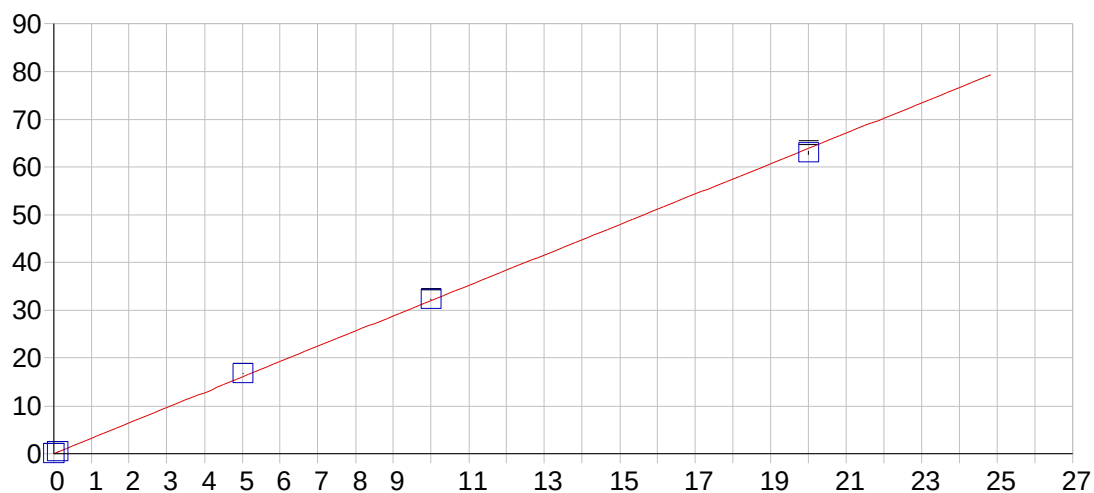
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00037	.000	1
S1	.10000	.11864	.019	18.6	-.00002	.000	1
S3	5.0000	5.1695	.169	3.39	.01456	.000	1
S4	10.000	9.9439	-.056	-.561	.02838	.000	1
S5	20.000	19.867	-.133	-.665	.05708	.000	1



Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000037 Re-Slope: 1.000000
 A1 (Gain): 0.008538 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968 Status: OK.
 Std Error of Est: 0.000005
 Predicted MDL: 0.015338
 Predicted MQL: 0.051126

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00004	.000	1
S1	.10000	.09538	-.005	-4.62	.00084	.000	1
S3	5.0000	5.0857	.086	1.71	.04424	.000	1
S4	10.000	9.9186	-.081	-.814	.08635	.000	1
S5	20.000	20.001	.001	.003	.17414	.000	1

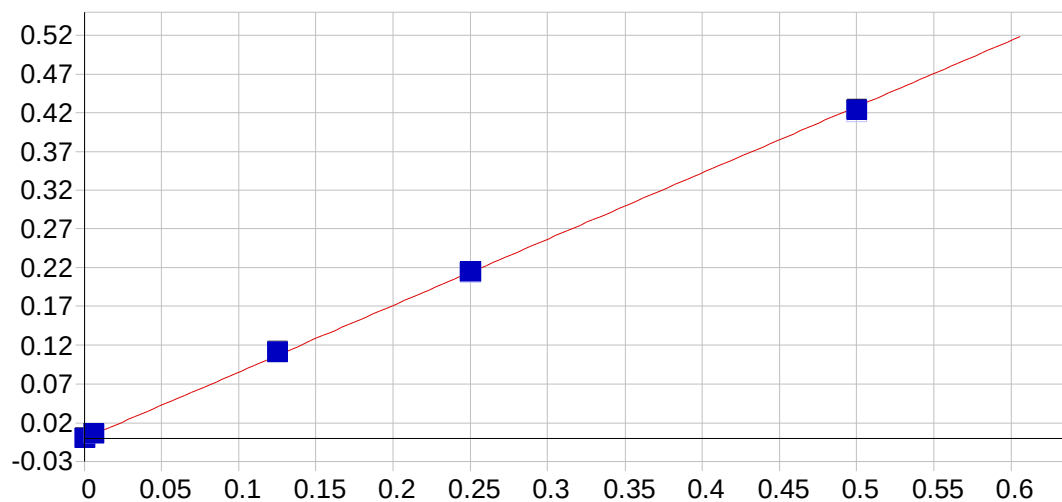


Ba 493.409 {68}

Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.053139 Re-Slope: 1.000000
 A1 (Gain): 3.193534 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999802 Status: OK.
 Std Error of Est: 0.004856
 Predicted MDL: 0.001176
 Predicted MQL: 0.003919

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.05309	.003	1
S1	.10000	.11185	.012	11.8	.41033	.000	1
S3	5.0000	5.1897	.190	3.79	16.627	.018	1
S5	20.000	19.704	-.296	-1.48	62.978	.423	1
S4	10.000	10.095	.095	.947	32.291	.122	1



Be 234.861 {144}

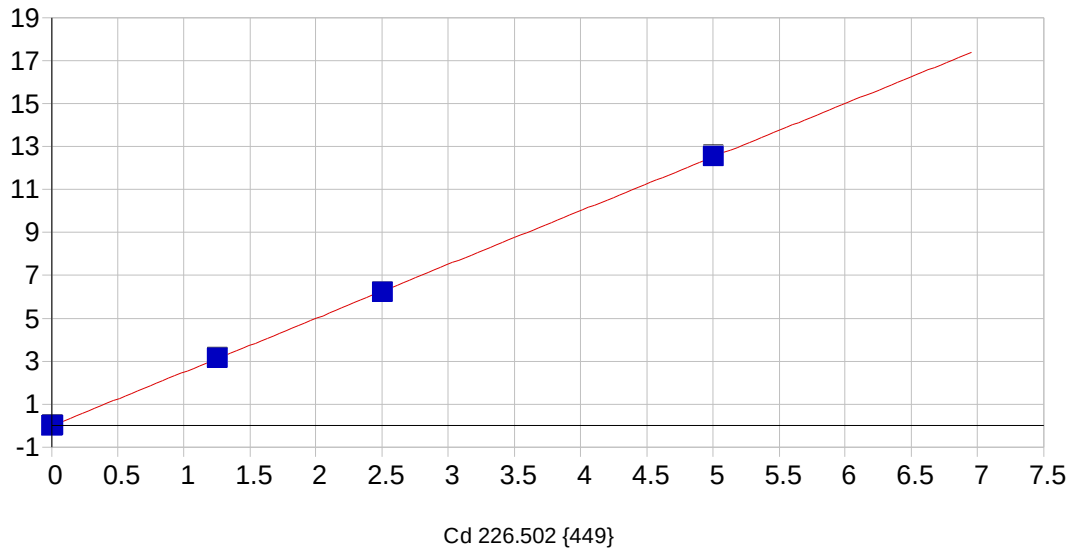
Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000103 Re-Slope: 1.000000
 A1 (Gain): 0.855853 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999844
 Std Error of Est: 0.000045
 Predicted MDL: 0.000093
 Predicted MQL: 0.000310

Status: OK.

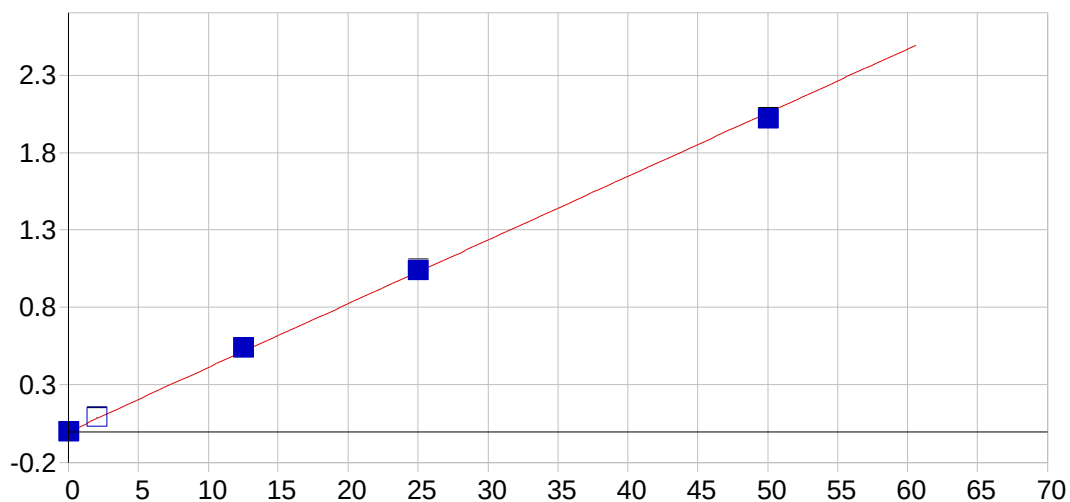
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00010	.000	1
S1	.00600	.00640	.000	6.71	.00532	.000	1
S3	.12500	.12980	.005	3.84	.11032	.000	1
S4	.25000	.25022	.000	.090	.21271	.000	1
S5	.50000	.49457	-.005	-1.09	.42048	.001	1



Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000427 Re-Slope: 1.000000
 A1 (Gain): 2.500206 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000157
 Predicted MDL: 0.000125
 Predicted MQL: 0.000418

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00043	.000	1
S1	.00600	.00621	.000	3.54	.01513	.000	1
S3	1.2500	1.2604	.010	.834	3.1516	.025	1
S4	2.5000	2.4747	-.025	-1.01	6.1884	.017	1
S5	5.0000	5.0146	.015	.293	12.540	.037	1

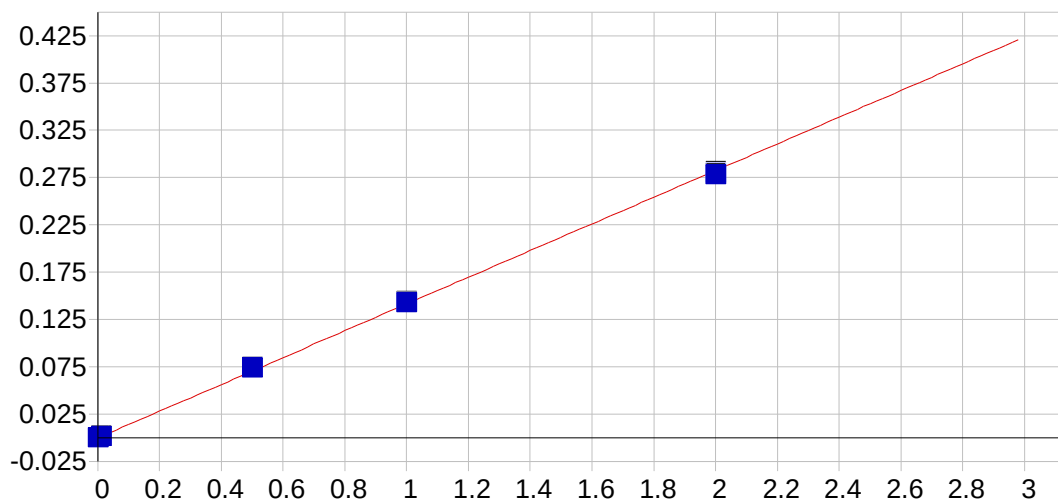


Ca 373.690 { 90}

Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000058 Re-Slope: 1.000000
 A1 (Gain): 0.041150 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999609 Status: OK.
 Std Error of Est: 0.000629
 Predicted MDL: 0.023116
 Predicted MQL: 0.077053

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2294	.229	11.5	.09180	.000	1
S0	.00000	-.00029	-.000	.000	.00005	.000	1
S3	12.500	13.024	.524	4.19	.53628	.001	1
S4	25.000	25.236	.236	.943	1.0391	.006	1
S5	50.000	49.011	-.989	-1.98	2.0180	.007	1



Cr 267.716 {126}

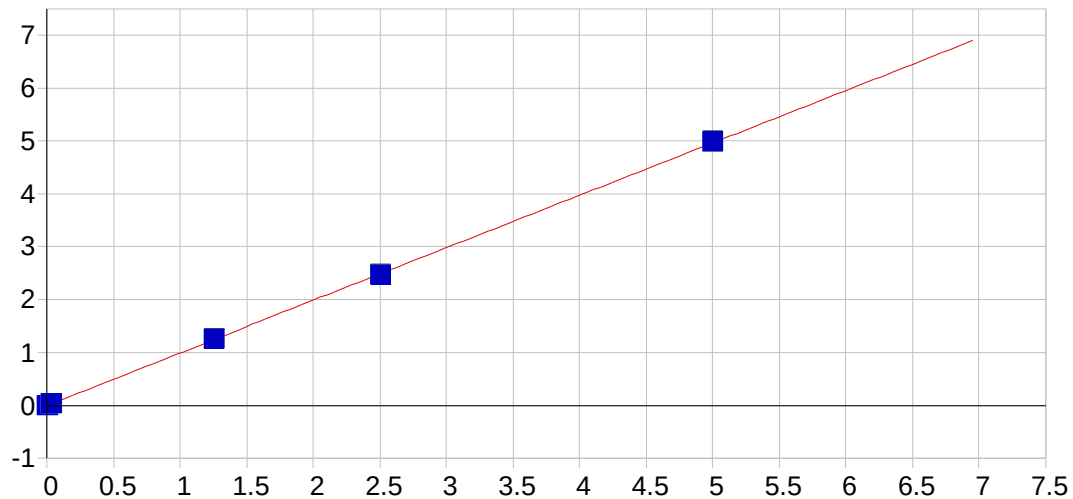
Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000024 Re-Slope: 1.000000
 A1 (Gain): 0.141159 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999757
 Std Error of Est: 0.000024
 Predicted MDL: 0.000675
 Predicted MQL: 0.002250

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00002	.000	1
S1	.01000	.01107	.001	10.7	.00159	.000	1
S3	.50000	.52305	.023	4.61	.07438	.000	1
S4	1.0000	1.0075	.007	.746	.14329	.001	1
S5	2.0000	1.9684	-.032	-1.58	.27999	.001	1



Co 228.616 {447}

Date of Fit: 9/27/2018 16:50:03

Type of Fit: Linear

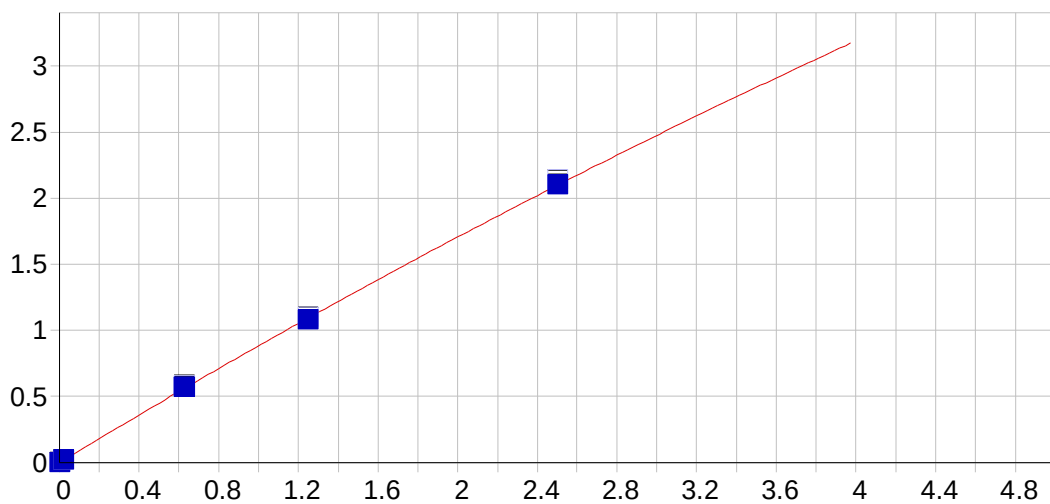
Weighting: 1/Conc

A0 (Offset): -0.000289
 A1 (Gain): 0.992573
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999955
 Std Error of Est: 0.000197
 Predicted MDL: 0.000287
 Predicted MQL: 0.000956

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	-.00029	.000	1
S1	.03000	.03325	.003	10.8	.03251	.000	1
S3	1.2500	1.2590	.009	.720	1.2503	.007	1
S4	2.5000	2.4716	-.028	-1.14	2.4549	.010	1
S5	5.0000	5.0162	.016	.324	4.9825	.012	1

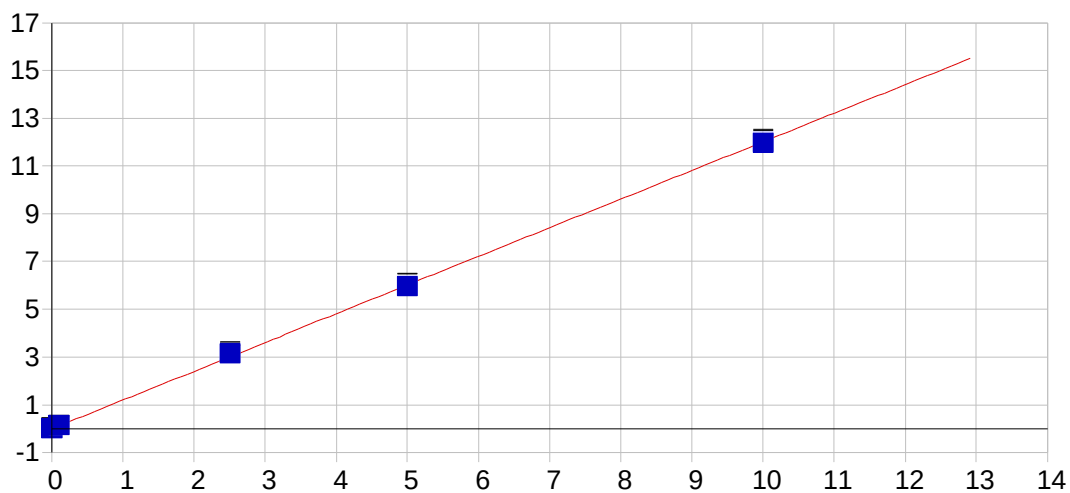


Cu 224.700 {450}

Date of Fit: 9/27/2018 16:50:03 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000982 Re-Slope: 1.000000
 A1 (Gain): 0.906425 Y-int: 0.000000
 A2 (Curvature): -0.027198
 n (Exponent): 1.000000
 Correlation: 0.999951 Status: OK.
 Std Error of Est: 0.000127
 Predicted MDL: 0.000565
 Predicted MQL: 0.001882

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00098	.000	1
S1	.02000	.02020	.000	1.02	.01955	.000	1
S3	.62500	.63586	.011	1.74	.57504	.005	1
S4	1.2500	1.2326	-.017	-1.39	1.0944	.001	1
S5	2.5000	2.5064	.006	.255	2.1368	.004	1



Fe 240.488 {140}

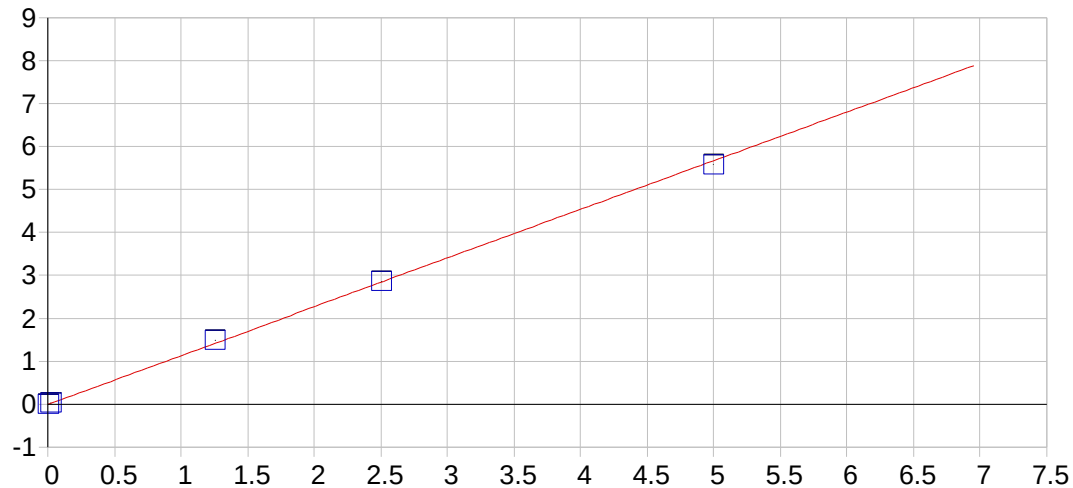
Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006123 Re-Slope: 1.000000
 A1 (Gain): 1.201922 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999796
 Std Error of Est: 0.001320
 Predicted MDL: 0.010313
 Predicted MQL: 0.034376

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00614	.014	1
S1	.10000	.10878	.009	8.78	.12521	.014	1
S3	2.5000	2.6147	.115	4.59	3.1517	.065	1
S4	5.0000	4.9335	-.067	-1.33	5.9537	.107	1
S5	10.000	9.9430	-.057	-.570	12.005	.116	1



Mn 257.610 {131}

Date of Fit: 9/27/2018 16:50:03

Type of Fit: Linear

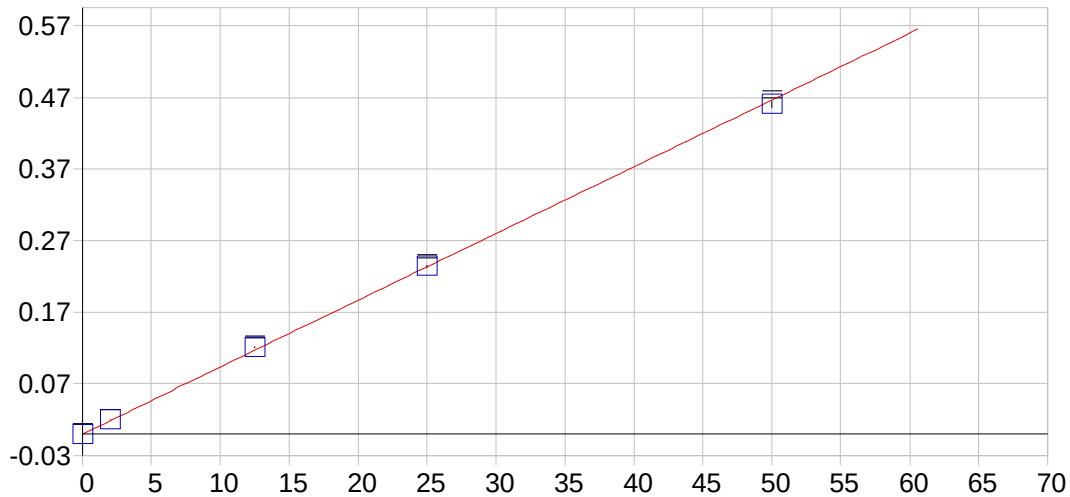
Weighting: 1/Conc

A0 (Offset): 0.000019
 A1 (Gain): 1.133736
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999682
 Std Error of Est: 0.000488
 Predicted MDL: 0.000085
 Predicted MQL: 0.000283

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	.00001	.000	1
S1	.02000	.02306	.003	15.3	.02616	.000	1
S3	1.2500	1.3172	.067	5.38	1.4934	.003	1
S4	2.5000	2.5137	.014	.548	2.8499	.001	1
S5	5.0000	4.9160	-.084	-1.68	5.5735	.010	1

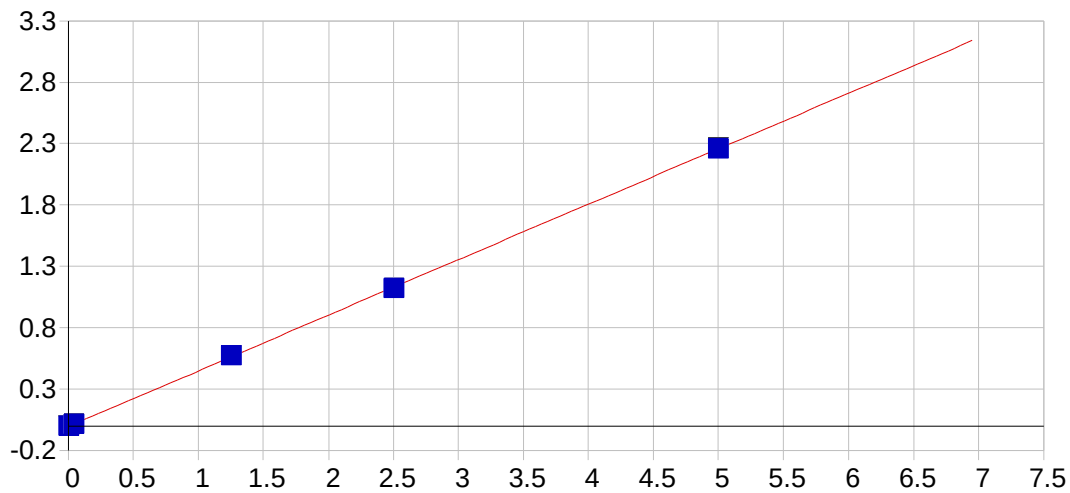


Mg 279.079 {121}

Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000002 Re-Slope: 1.000000
 A1 (Gain): 0.009331 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999814 Status: OK.
 Std Error of Est: 0.000098
 Predicted MDL: 0.050201
 Predicted MQL: 0.167335

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1446	.145	7.23	.02001	.000	1
S0	.00000	-.00019	-.000	.000	-.00000	.000	1
S3	12.500	12.926	.426	3.41	.12062	.001	1
S4	25.000	25.067	.067	.269	.23390	.002	1
S5	50.000	49.362	-.638	-1.28	.46060	.005	1



Ni 231.604 {445}

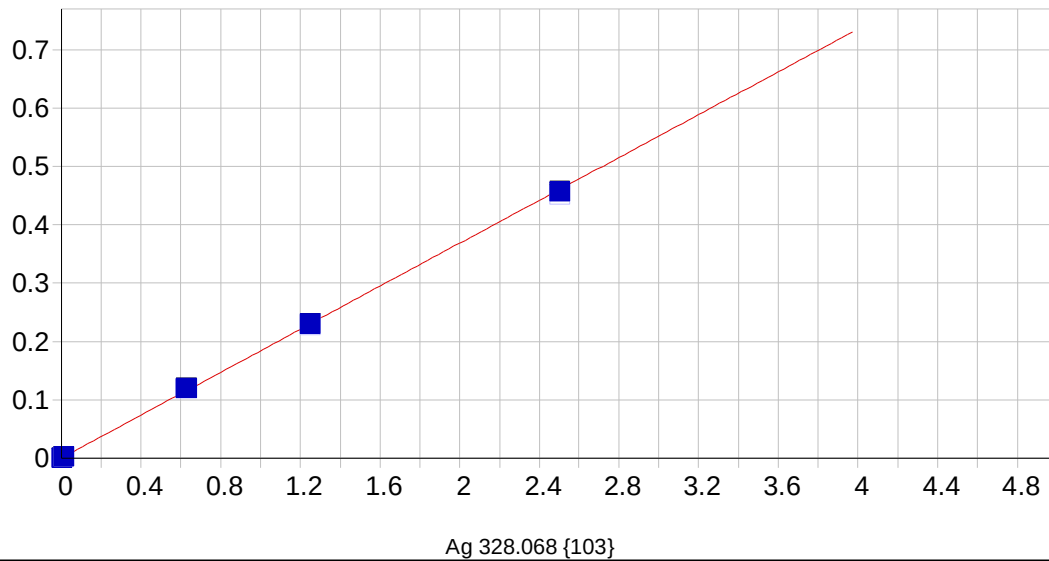
Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003265 Re-Slope: 1.000000
 A1 (Gain): 0.452232 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960
 Std Error of Est: 0.000098
 Predicted MDL: 0.000582
 Predicted MQL: 0.001940

Status: OK.

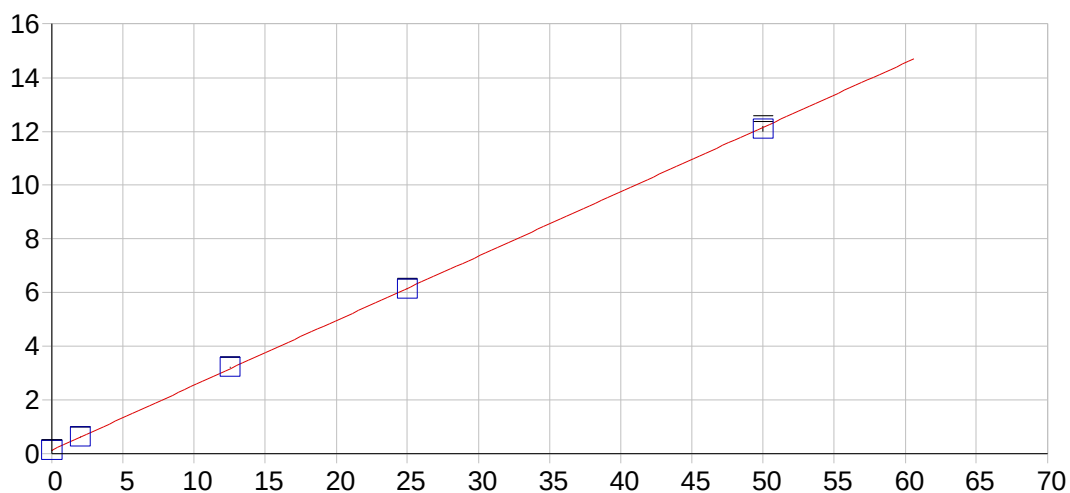
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00327	.000	1
S1	.04000	.04311	.003	7.77	.01624	.000	1
S3	1.2500	1.2691	.019	1.53	.57127	.000	1
S4	2.5000	2.4796	-.020	-.817	1.1193	.003	1
S5	5.0000	4.9982	-.002	-.035	2.2596	.007	1



Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000321 Re-Slope: 1.000000
 A1 (Gain): 0.183824 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999855 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.000779
 Predicted MQL: 0.002595

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00032	.000	1
S1	.01000	.01122	.001	12.2	.00235	.000	1
S3	.62500	.64865	.024	3.78	.11825	.000	1
S4	1.2500	1.2474	-.003	-.206	.22702	.000	1
S5	2.5000	2.4777	-.022	-.891	.45057	.001	1

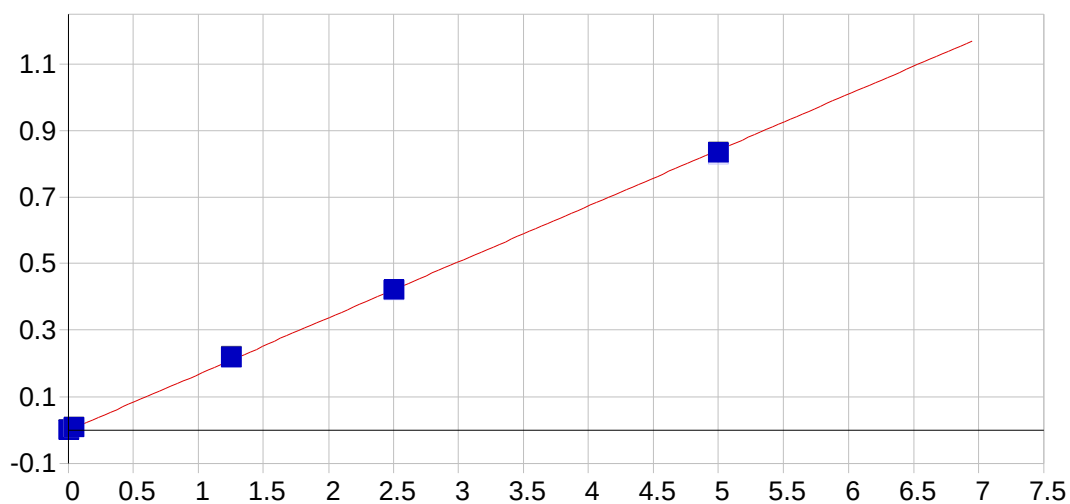


Na 589.592 { 57}

Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.130733 Re-Slope: 1.000000
 A1 (Gain): 0.240509 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999944 Status: OK.
 Std Error of Est: 0.001392
 Predicted MDL: 0.012711
 Predicted MQL: 0.042371

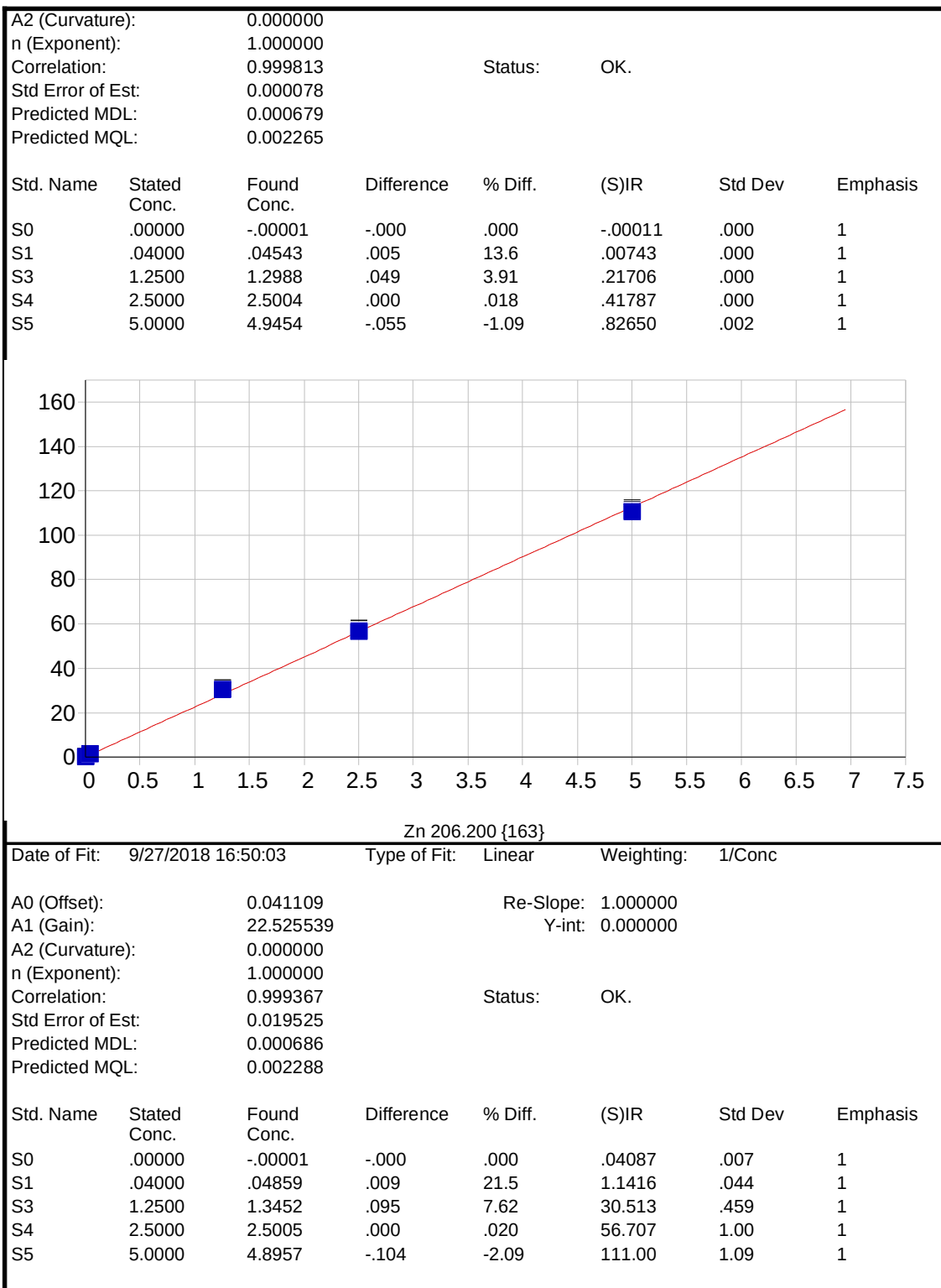
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0706	.071	3.53	.62873	.004	1
S0	.00000	-.00010	-.000	.000	.13071	.003	1
S3	12.500	12.773	.273	2.18	3.2027	.001	1
S4	25.000	24.910	-.090	-.359	6.1219	.006	1
S5	50.000	49.746	-.254	-.507	12.095	.099	1

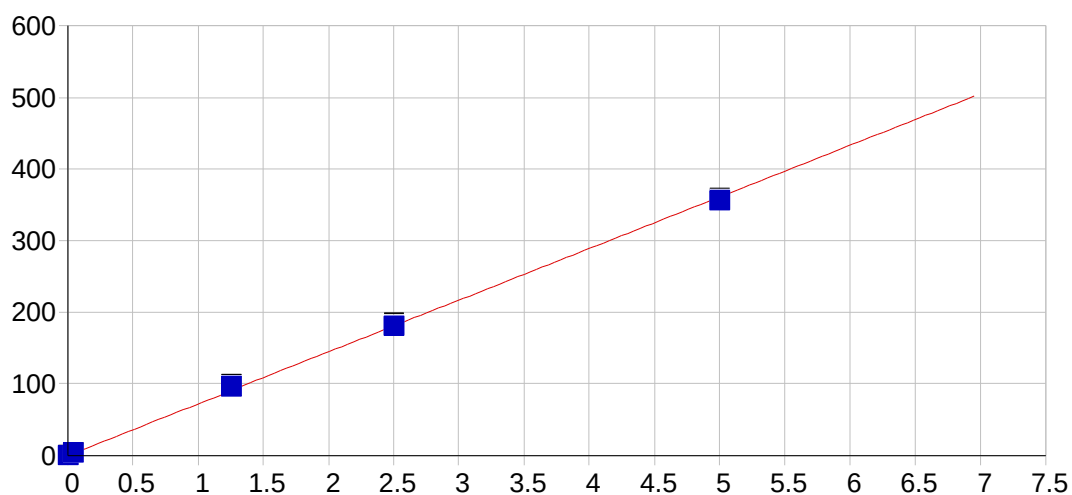


V 292.402 {115}

Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000109 Re-Slope: 1.000000
 A1 (Gain): 0.168260 Y-int: 0.000000



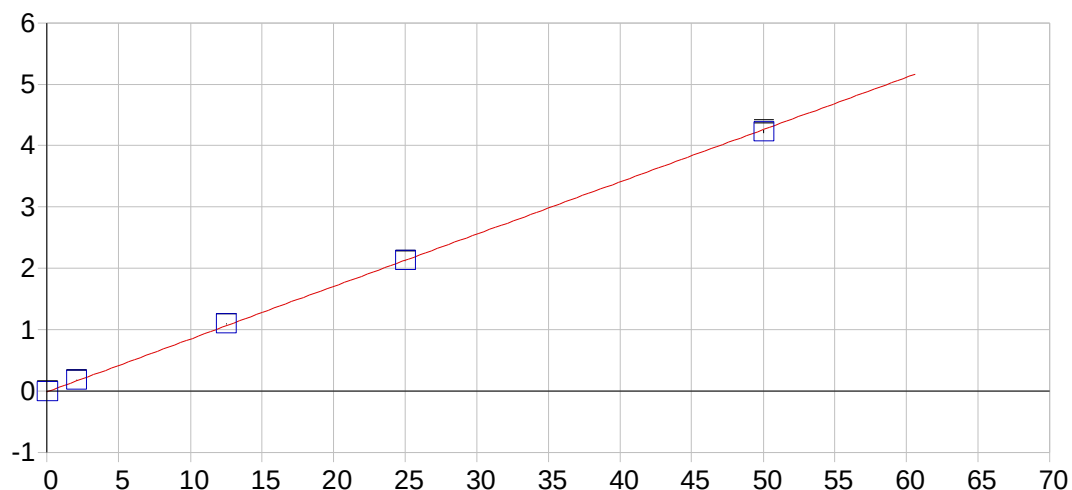


Zn 213.856 {458}

Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.067325 Re-Slope: 1.000000
 A1 (Gain): 72.212173 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999541 Status: OK.
 Std Error of Est: 0.053293
 Predicted MDL: 0.000108
 Predicted MQL: 0.000359

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.06663	.018	1
S1	.04000	.04787	.008	19.7	3.5433	.047	1
S3	1.2500	1.3319	.082	6.55	96.795	1.99	1
S4	2.5000	2.4875	-.013	-.501	180.78	3.79	1
S5	5.0000	4.9227	-.077	-1.55	357.73	1.49	1



K 766.490 {44}

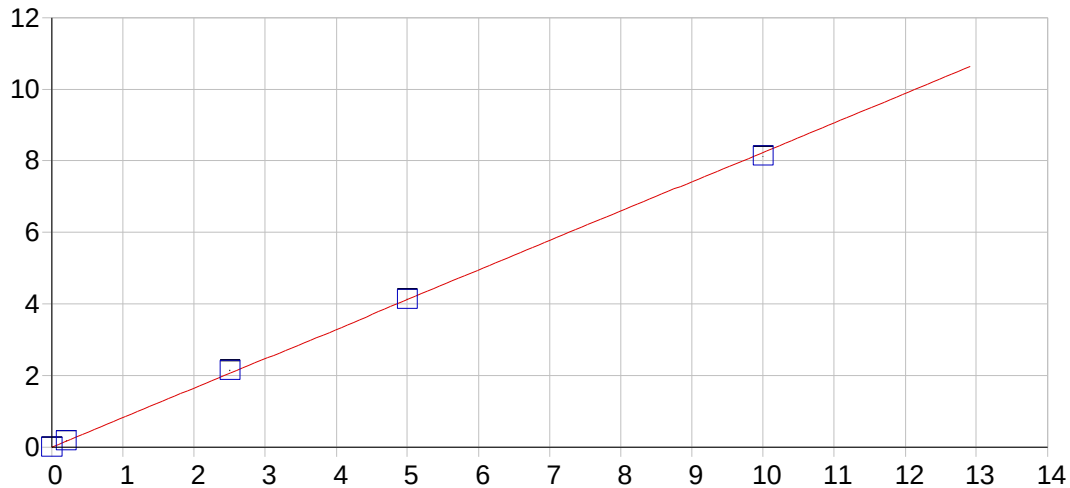
Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005945 Re-Slope: 1.000000
 A1 (Gain): 0.085314 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999882
 Std Error of Est: 0.000716
 Predicted MDL: 0.039425
 Predicted MQL: 0.131416

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1412	.141	7.06	.17673	.000	1
S0	.00000	-.00017	-.000	.000	-.00596	.004	1
S3	12.500	12.818	.318	2.54	1.0876	.002	1
S4	25.000	24.913	-.087	-.347	2.1195	.007	1
S5	50.000	49.628	-.372	-.745	4.2280	.025	1



Mo 202.030 {467}

Date of Fit: 9/27/2018 16:50:03

Type of Fit: Linear

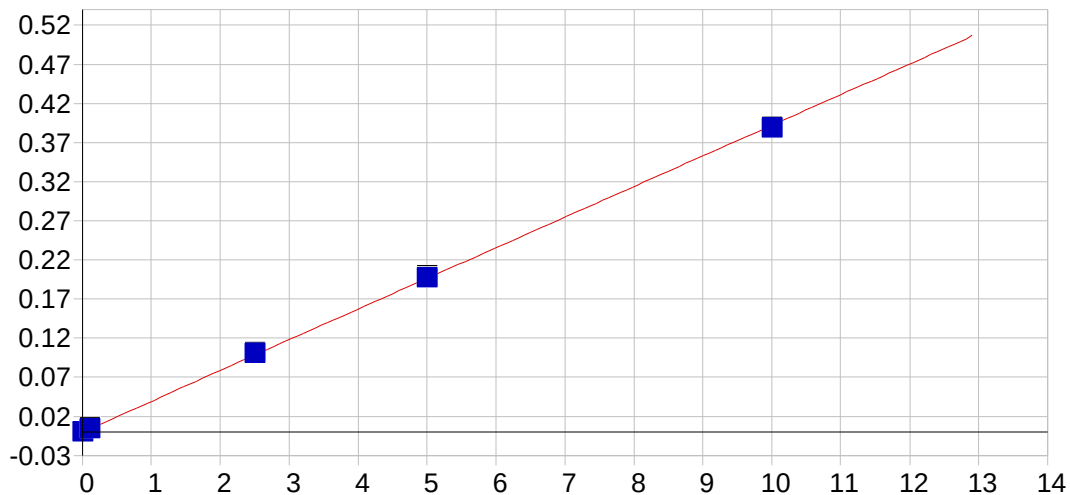
Weighting: 1/Conc

A0 (Offset): 0.000464
 A1 (Gain): 0.823540
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999778
 Std Error of Est: 0.001331
 Predicted MDL: 0.000376
 Predicted MQL: 0.001255

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	.00045	.000	1
S1	.20000	.21276	.013	6.38	.17568	.001	1
S3	2.5000	2.6130	.113	4.52	2.1524	.022	1
S4	5.0000	5.0120	.012	.240	4.1280	.004	1
S5	10.000	9.8623	-.138	-1.38	8.1224	.002	1

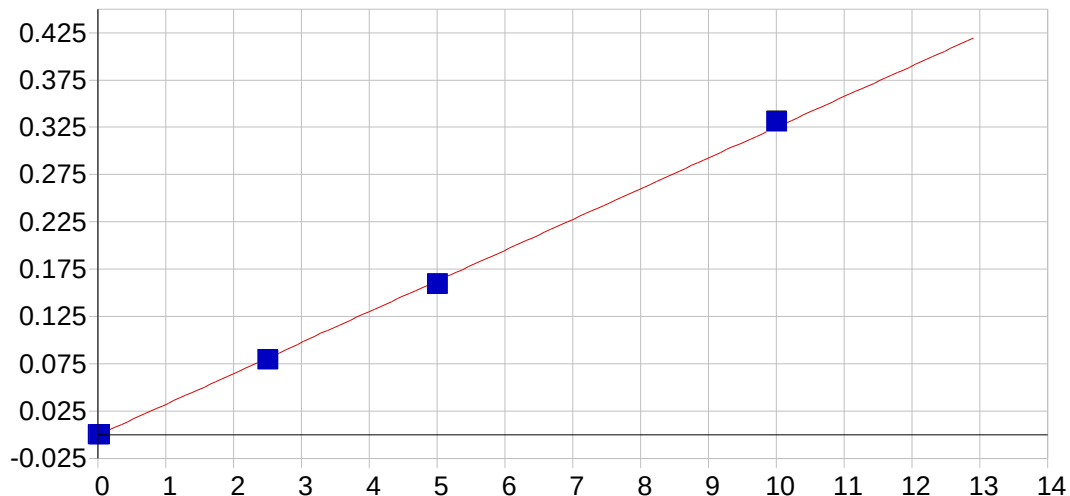


B 249.678 {135}

Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000102 Re-Slope: 1.000000
 A1 (Gain): 0.039245 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999876 Status: OK.
 Std Error of Est: 0.000033
 Predicted MDL: 0.010337
 Predicted MQL: 0.034458

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00010	.000	1
S1	.10000	.11454	.015	14.5	.00458	.000	1
S3	2.5000	2.5593	.059	2.37	.10031	.001	1
S4	5.0000	5.0148	.015	.296	.19645	.003	1
S5	10.000	9.9114	-.089	-.886	.38816	.001	1



S 182.034 {485}

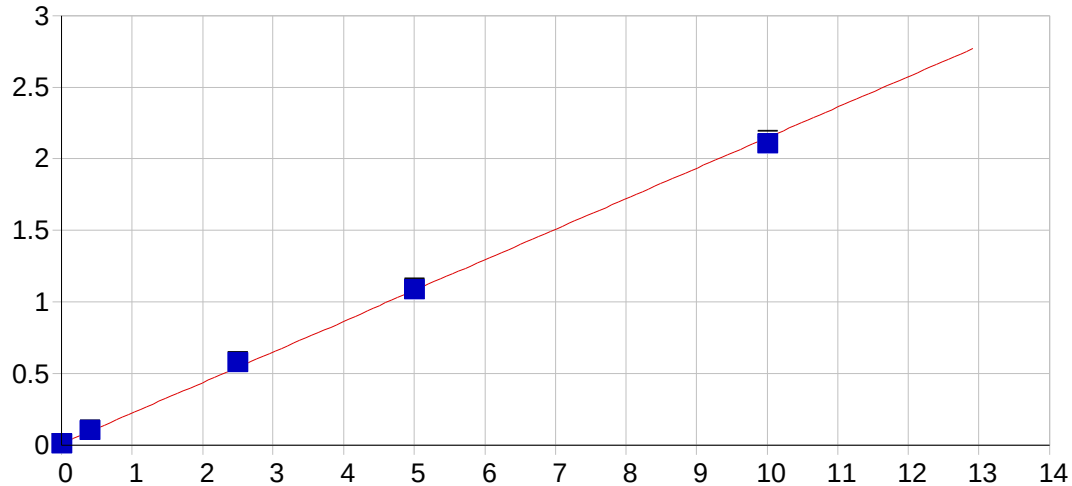
Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000222 Re-Slope: 1.000000
 A1 (Gain): 0.032513 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999724
 Std Error of Est: 0.000018
 Predicted MDL: 0.004438
 Predicted MQL: 0.014793

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00022	.000	1
S1	.02000	.01260	-.007	-37.0	.00017	.000	1
S3	2.5000	2.4475	-.052	-2.10	.07926	.000	1
S4	5.0000	4.8838	-.116	-2.32	.15838	.001	1
S5	10.000	10.176	.176	1.76	.33026	.001	1



Si 288.158 {117}

Date of Fit: 9/27/2018 16:50:03

Type of Fit: Linear

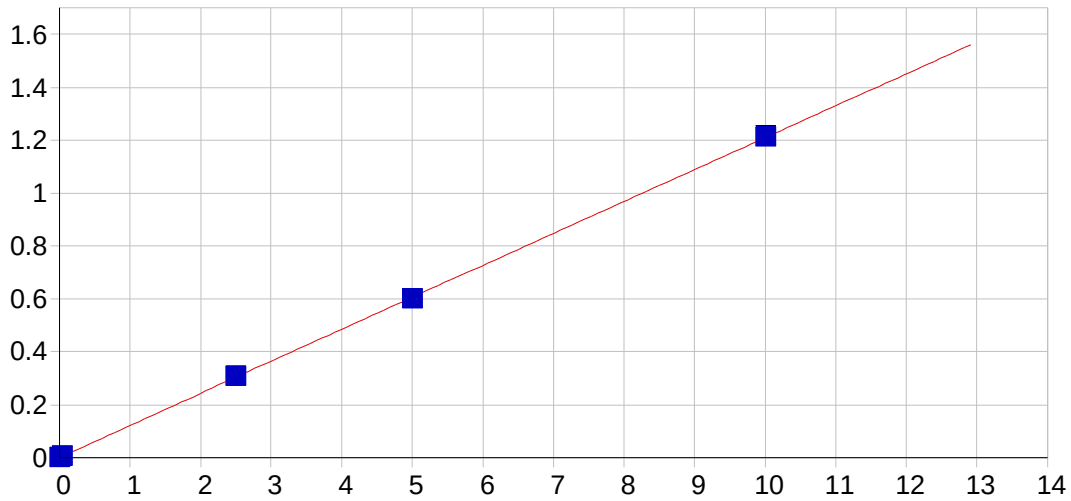
Weighting: 1/Conc

A0 (Offset): 0.010561
 A1 (Gain): 0.213678
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999505
 Std Error of Est: 0.000734
 Predicted MDL: 0.004162
 Predicted MQL: 0.013872

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	-.00005	-.000	.000	.01055	.001	1
S1	.40000	.43443	.034	8.61	.10332	.001	1
S3	2.5000	2.6613	.161	6.45	.57894	.003	1
S4	5.0000	5.0116	.012	.232	1.0809	.013	1
S5	10.000	9.7927	-.207	-2.07	2.1019	.022	1

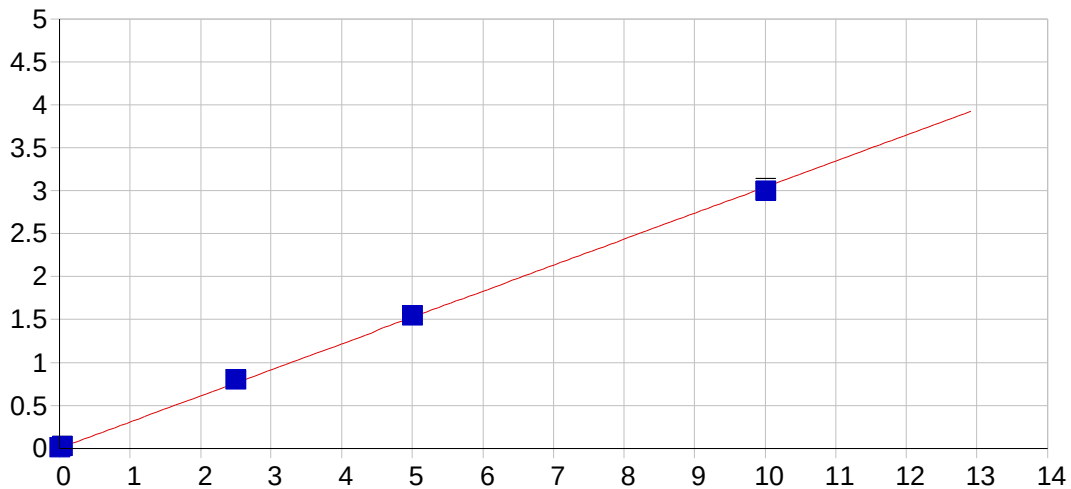


Sn 189.989 {477}

Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000449 Re-Slope: 1.000000
 A1 (Gain): 0.120965 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961 Status: OK.
 Std Error of Est: 0.000037
 Predicted MDL: 0.001188
 Predicted MQL: 0.003960

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00045	.000	1
S1	.04000	.04519	.005	13.0	.00592	.000	1
S3	2.5000	2.5229	.023	.915	.30568	.000	1
S4	5.0000	4.9526	-.047	-.948	.59965	.000	1
S5	10.000	10.019	.019	.193	1.2127	.004	1



Ti 336.121 {100}

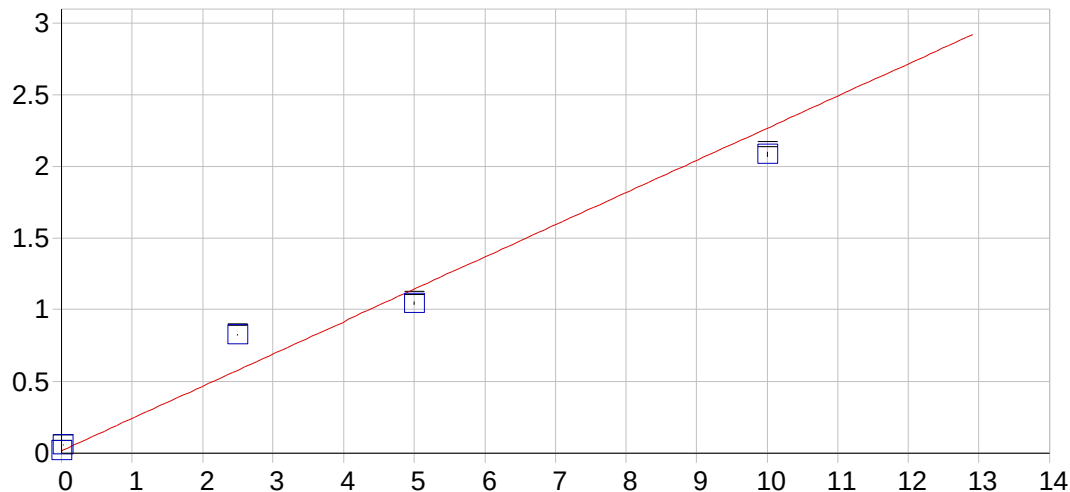
Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004995 Re-Slope: 1.000000
 A1 (Gain): 0.303540 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999764
 Std Error of Est: 0.000225
 Predicted MDL: 0.002171
 Predicted MQL: 0.007236

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00499	.000	1
S1	.04000	.04507	.005	12.7	.01867	.001	1
S3	2.5000	2.6082	.108	4.33	.79660	.001	1
S4	5.0000	5.0456	.046	.912	1.5363	.000	1
S5	10.000	9.8411	-.159	-1.59	2.9918	.028	1



Date of Fit: 9/27/2018 16:50:03

Type of Fit: Linear

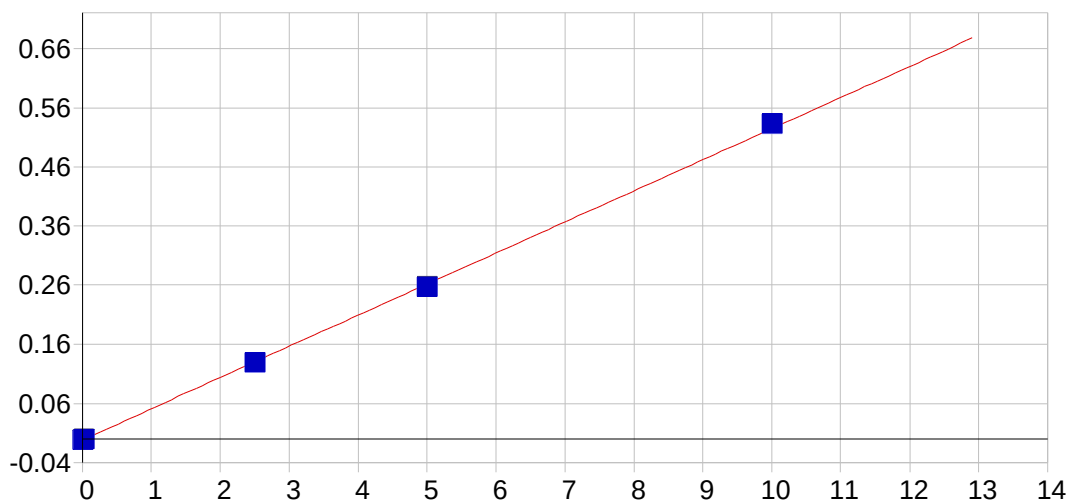
Weighting: 1/Conc

A0 (Offset): 0.017804
 A1 (Gain): 0.224931
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.950340
 Std Error of Est: 0.001779
 Predicted MDL: 0.014177
 Predicted MQL: 0.047258

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	-.00017	-.000	.000	.01777	.001	1
S1	.02000	.18073	.161	804.	.05845	.001	1
S3	2.5000	3.5958	1.10	43.8	.82661	.004	1
S4	5.0000	4.5551	-.445	-8.90	1.0424	.011	1
S5	10.000	9.1884	-.812	-8.12	2.0845	.016	1

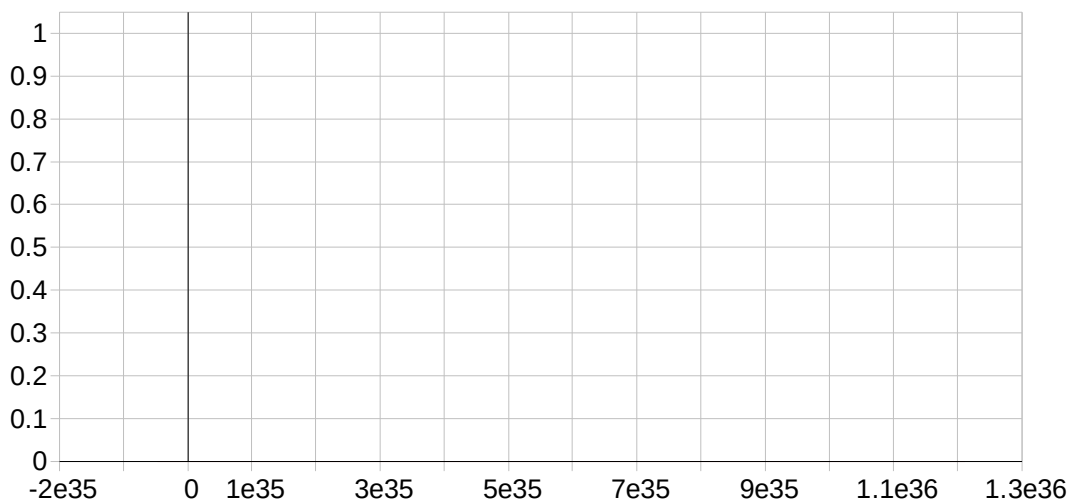


P 177.495 {490}

Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001819 Re-Slope: 1.000000
 A1 (Gain): 0.052648 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999841 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.002655
 Predicted MQL: 0.008849

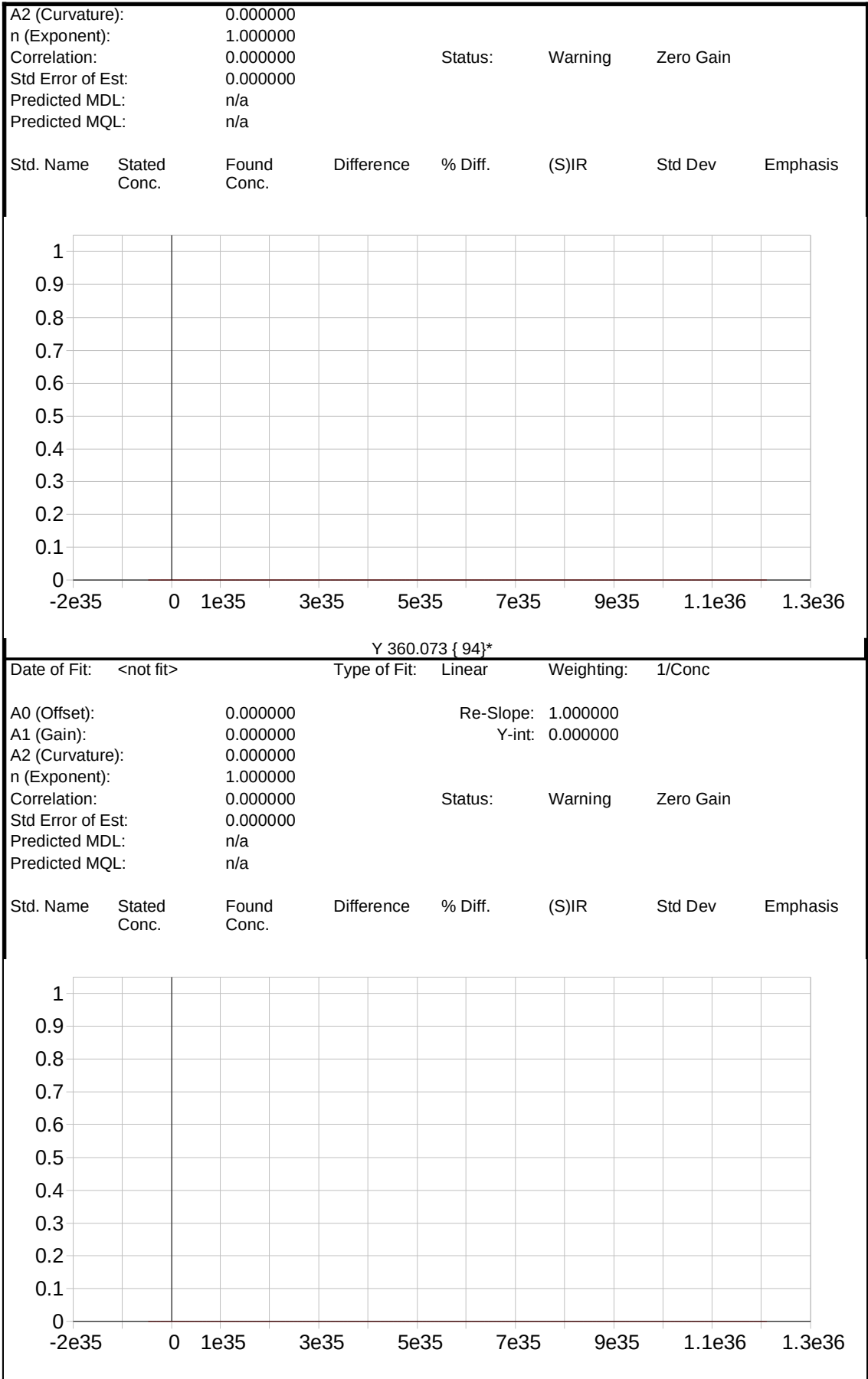
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00182	.000	1
S1	.02000	.01560	-.004	-22.0	-.00100	.000	1
S3	2.5000	2.4576	-.042	-1.70	.12738	.000	1
S4	5.0000	4.9041	-.096	-1.92	.25599	.000	1
S5	10.000	10.143	.143	1.43	.53141	.000	1

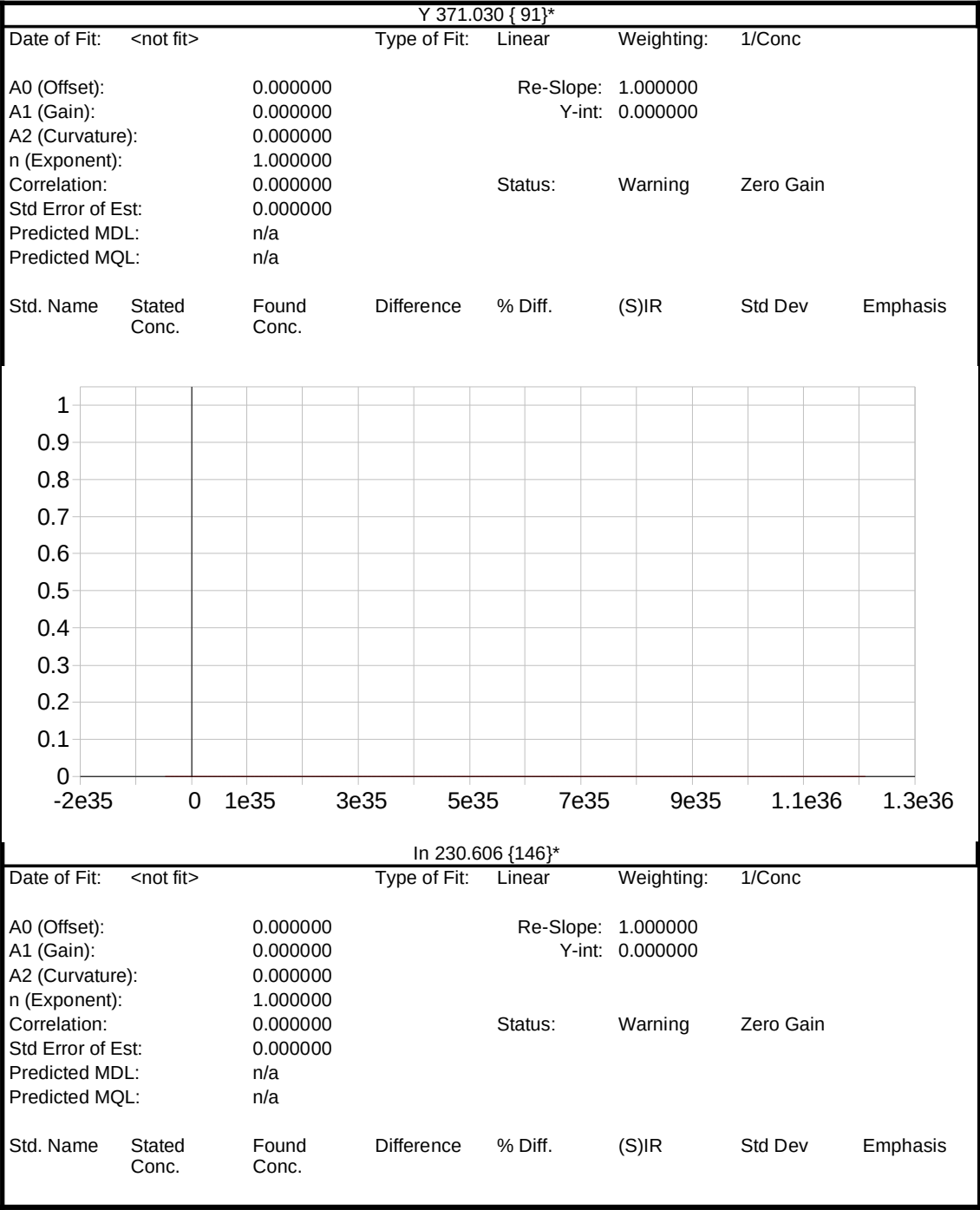


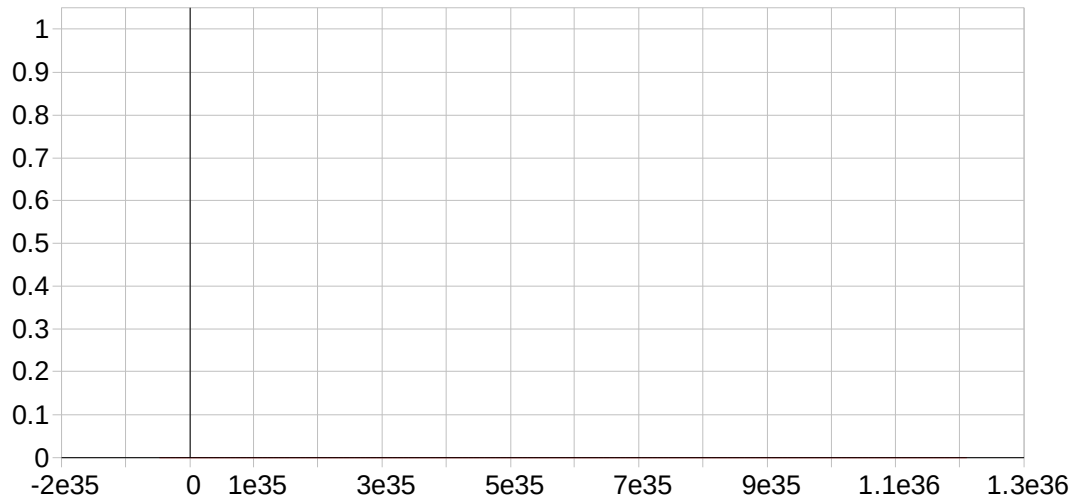
Y 224.306 {450}*

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

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







Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

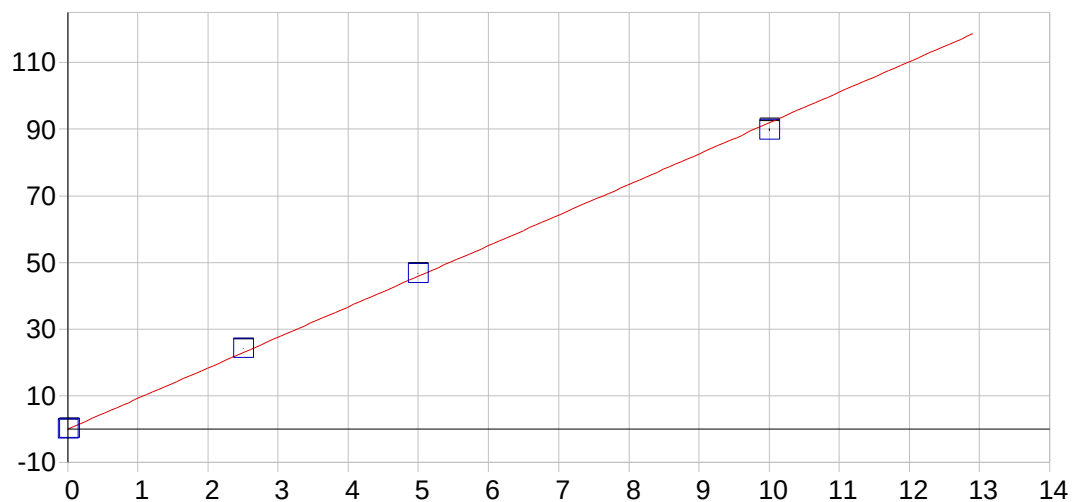
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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

Date of Fit: 9/27/2018 16:50:03

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.005592

Re-Slope: 1.000000

A1 (Gain): 9.184200

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999594

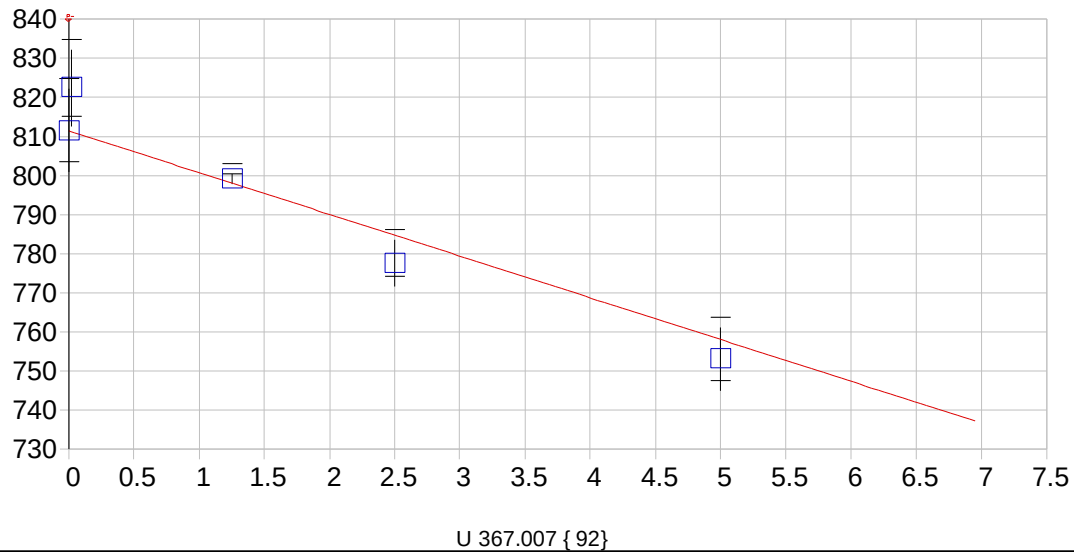
Status: OK.

Std Error of Est: 0.006321

Predicted MDL: 0.000129

Predicted MQL: 0.000431

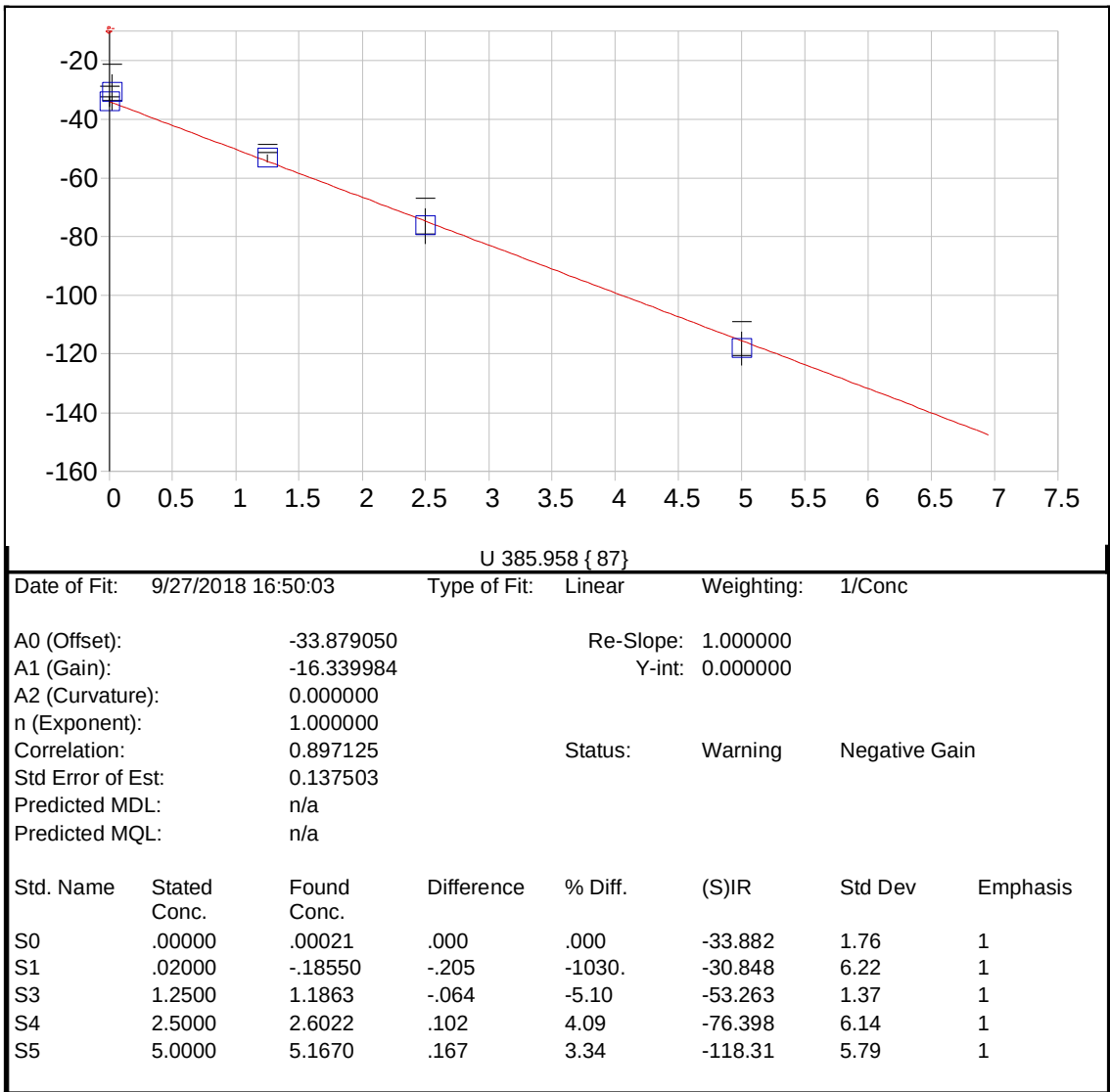
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00561	.001	1
S1	.02000	.02089	.001	4.44	.18625	.001	1
S3	2.5000	2.6340	.134	5.36	24.185	.085	1
S4	5.0000	5.0940	.094	1.88	46.779	.142	1
S5	10.000	9.7711	-.229	-2.29	89.734	.397	1



Date of Fit: 9/27/2018 16:50:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 811.523897 Re-Slope: 1.000000
A1 (Gain): -10.694173 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.373384 Status: Warning Negative Gain
Std Error of Est: 0.454043
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00103	.001	.000	811.51	10.6	1
S1	.02000	-1.0178	-1.04	-5190.	822.41	9.78	1
S3	1.2500	1.1496	-.100	-8.03	799.23	1.28	1
S4	2.5000	3.1702	.670	26.8	777.62	6.05	1
S5	5.0000	5.4679	.468	9.36	753.05	8.11	1



Sample Name: S0 Acquired: 9/27/2018 11:38:57 Type: Cal
Method: P4-ICP2(v2462) 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	.00002	-.00010	.00224	-.00002	.00002	-.00004	.05309	-.00010
Stddev	.00022	.00006	.00011	.00007	.00013	.00004	.00321	.00021
%RSD	1290.1	56.849	4.9915	344.50	664.87	110.69	6.0424	198.78
#1	.00017	-.00015	.00232	.00003	.00011	-.00007	.05082	.00004
#2	-.00014	-.00006	.00216	-.00007	-.00007	-.00001	.05536	-.00025
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	-.00043	.00005	.00002	-.00029	.00098	-.00614	.00001	-.00000
Stddev	.00025	.00033	.00005	.00014	.00043	.01419	.00004	.00042
%RSD	58.937	722.71	222.01	46.994	43.691	231.19	251.61	9915.5
#1	-.00025	-.00019	.00006	-.00019	.00068	.00390	-.00001	-.00030
#2	-.00061	.00028	-.00001	-.00039	.00128	-.01617	.00004	.00029
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	-.00327	.00032	.13071	-.00011	.06663	-.00596	.00045	.00010
Stddev	.00010	.00010	.00275	.00000	.01806	.00377	.00014	.00025
%RSD	2.9837	32.146	2.1002	.84767	27.113	63.248	31.067	246.14
#1	-.00320	.00039	.12877	-.00011	.07940	-.00862	.00035	-.00007
#2	-.00334	.00025	.13265	-.00011	.05385	-.00329	.00055	.00028
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	-.00022	.01055	.00045	.00499	.01777	-.0018	-.00561	811.51
Stddev	.00010	.00063	.00011	.00016	.00115	.0000	.00095	10.56
%RSD	46.092	5.9315	24.674	3.2117	6.4455	2.566	16.987	1.3015
#1	-.00029	.01099	.00053	.00488	.01858	-.0019	-.00628	804.04
#2	-.00015	.01011	.00037	.00511	.01696	-.0018	-.00494	818.98

Sample Name: S0 Acquired: 9/27/2018 11:38:57 Type: Cal
Method: P4-ICP2(v2462) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-33.882
Stddev	1.755
%RSD	5.1804

#1	-35.124
#2	-32.641

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2053.0	36922.	3896.5	95.330	3419.5
Stddev	11.5	207.	13.3	2.533	10.0
%RSD	.55844	.55969	.34018	2.6574	.29325

#1	2044.9	36776.	3887.2	93.539	3412.4
#2	2061.1	37068.	3905.9	97.121	3426.6

Sample Name: S1 Acquired: 9/27/2018 11:43:01 Type: Cal
Method: P4-ICP2(v2462) 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	.00138	.00442	.00531	.00148	.01082	.00084	.41033	.00532
Stddev	.00001	.00001	.00023	.00006	.00029	.00014	.00016	.00009
%RSD	.60094	.14188	4.2898	4.3731	2.7236	17.174	.04015	1.6590

#1	.00139	.00442	.00547	.00144	.01103	.00074	.41021	.00539
#2	.00138	.00441	.00515	.00153	.01062	.00094	.41044	.00526

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	.01513	.00159	.03251	.01955	.12521	.02616	.01624	.00235
Stddev	.00004	.00015	.00021	.00034	.01437	.00018	.00037	.00007
%RSD	.27577	9.4306	.65203	1.7404	11.477	.69015	2.2946	2.9055

#1	.01510	.00149	.03236	.01979	.13537	.02604	.01598	.00239
#2	.01516	.00170	.03266	.01931	.11504	.02629	.01650	.00230

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	.00743	3.5433	.17568	.00458	.00017	.10332	.00592	.01867
Stddev	.00009	.0471	.00072	.00037	.00000	.00136	.00023	.00062
%RSD	1.2519	1.3293	.40801	8.1188	2.1329	1.3136	3.8241	3.3455

#1	.00750	3.5766	.17618	.00432	.00017	.10428	.00576	.01823
#2	.00736	3.5100	.17517	.00484	.00016	.10236	.00608	.01911

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05845	-.0010	.18625	822.41	-30.848
Stddev	.00134	.0001	.00083	9.78	6.216
%RSD	2.2950	11.68	.44326	1.1891	20.152

#1	.05940	-.0009	.18566	829.32	-35.244
#2	.05751	-.0011	.18683	815.49	-26.452

Sample Name: S1 Acquired: 9/27/2018 11:43:01 Type: Cal
Method: P4-ICP2(v2462) 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	2079.9	37347.	3962.2	96.183	3433.9
Stddev	11.4	16.	15.2	1.460	12.2
%RSD	.54625	.04192	.38272	1.5177	.35664
#1	2071.9	37358.	3951.5	95.151	3425.2
#2	2088.0	37335.	3972.9	97.215	3442.6

Sample Name: S2 Acquired: 9/27/2018 11:47:05 Type: Cal
Method: P4-ICP2(v2462) 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	.09180	.02001	.62873	.17673
Stddev	.00045	.00011	.00357	.00017
%RSD	.49061	.55556	.56744	.09374

#1	.09212	.01993	.63125	.17685
#2	.09148	.02009	.62620	.17661

Int. Std.	Y_3710
Units	Cts/S
Avg	3958.3
Stddev	13.1
%RSD	.33156

#1	3949.1
#2	3967.6

Sample Name: S3 Acquired: 9/27/2018 11:51:02 Type: Cal
Method: P4-ICP2(v2462) 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	.14703	.24467	.56744	.15821	.49779	.04424	16.627	.11032
Stddev	.00051	.00047	.00076	.00035	.00233	.00042	.018	.00040
%RSD	.34690	.19403	.13314	.22209	.46788	.93830	.10565	.36166

#1	.14739	.24500	.56691	.15846	.49943	.04453	16.639	.11060
#2	.14667	.24433	.56798	.15796	.49614	.04394	16.614	.11004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.1516	.53628	.07438	1.2503	.57504	3.1517	1.4934	.12062
Stddev	.0247	.00114	.00025	.0066	.00459	.0653	.0026	.00144
%RSD	.78303	.21242	.34170	.52868	.79877	2.0732	.17225	1.1929

#1	3.1691	.53708	.07456	1.2550	.57829	3.1979	1.4952	.12163
#2	3.1342	.53547	.07420	1.2457	.57180	3.1055	1.4916	.11960

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	.57127	.11825	3.2027	.21706	96.795	1.0876	2.1524	.10031
Stddev	.00044	.00026	.0013	.00033	1.986	.0023	.0224	.00064
%RSD	.07701	.21779	.04109	.15398	2.0514	.21046	1.0395	.63449

#1	.57096	.11844	3.2018	.21729	98.199	1.0860	2.1682	.10076
#2	.57158	.11807	3.2037	.21682	95.390	1.0892	2.1365	.09986

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	.07926	.57894	.30568	.79660	.82661	.1274	24.185	799.23
Stddev	.00018	.00261	.00030	.00113	.00389	.0001	.085	1.28
%RSD	.22878	.45107	.09754	.14166	.47048	.0406	.35330	.16028

#1	.07939	.57710	.30589	.79740	.82386	.1274	24.246	800.14
#2	.07914	.58079	.30547	.79580	.82936	.1273	24.125	798.32

Sample Name: S3 Acquired: 9/27/2018 11:51:02 Type: Cal
Method: P4-ICP2(v2462) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-53.263
Stddev	1.365
%RSD	2.5630

#1	-54.228
#2	-52.298

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2034.8	36494.	3941.1	93.702	3229.7
Stddev	22.2	144.	2.6	1.831	26.7
%RSD	1.0923	.39562	.06527	1.9544	.82592

#1	2019.1	36392.	3939.2	92.407	3210.8
#2	2050.5	36596.	3942.9	94.997	3248.5

Sample Name: S4 Acquired: 9/27/2018 11:54:50 Type: Cal
Method: P4-ICP2(v2462) 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	.28235	.47188	1.1002	.30454	.95482	.08635	32.291	.21271
Stddev	.00041	.00174	.0024	.00185	.00104	.00019	.122	.00035
%RSD	.14648	.36977	.21809	.60610	.10940	.22154	.37744	.16444

#1	.28264	.47064	1.0985	.30585	.95408	.08622	32.377	.21295
#2	.28206	.47311	1.1019	.30324	.95556	.08649	32.205	.21246

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.1884	1.0391	.14329	2.4549	1.0944	5.9537	2.8499	.23390
Stddev	.0170	.0063	.00063	.0105	.0005	.1068	.0012	.00223
%RSD	.27389	.60720	.43722	.42621	.04908	1.7939	.04359	.95350

#1	6.1764	1.0346	.14285	2.4475	1.0940	5.8782	2.8490	.23233
#2	6.2003	1.0435	.14373	2.4623	1.0947	6.0293	2.8508	.23548

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	1.1193	.22702	6.1219	.41787	180.78	2.1195	4.1280	.19645
Stddev	.0029	.00047	.0055	.00012	3.79	.0070	.0037	.00305
%RSD	.25766	.20832	.09006	.02792	2.0951	.33013	.08950	1.5527

#1	1.1173	.22669	6.1180	.41778	178.11	2.1146	4.1254	.19429
#2	1.1213	.22736	6.1258	.41795	183.46	2.1245	4.1306	.19861

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	.15838	1.0809	.59965	1.5363	1.0424	.2560	46.779	777.62
Stddev	.00067	.0127	.00021	.0003	.0112	.0002	.142	6.05
%RSD	.42513	1.1702	.03473	.01720	1.0783	.0756	.30307	.77827

#1	.15791	1.0719	.59950	1.5361	1.0344	.2561	46.879	773.34
#2	.15886	1.0898	.59979	1.5365	1.0503	.2559	46.679	781.90

Sample Name: S4 Acquired: 9/27/2018 11:54:50 Type: Cal
Method: P4-ICP2(v2462) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-76.398
Stddev	6.140
%RSD	8.0369

#1	-72.057
#2	-80.740

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2014.1	36190.	3892.0	93.668	3107.0
Stddev	3.3	32.	23.7	1.681	1.4
%RSD	.16219	.08836	.60837	1.7949	.04606

#1	2011.8	36167.	3908.8	94.856	3108.0
#2	2016.4	36212.	3875.3	92.479	3105.9

Sample Name: S5 Acquired: 9/27/2018 11:58:37 Type: Cal
Method: P4-ICP2(v2462) 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	.56222	.93669	2.2166	.60260	1.9069	.17414	62.978	.42048
Stddev	.00068	.00059	.0095	.00104	.0011	.00020	.423	.00068
%RSD	.12127	.06329	.42715	.17287	.05983	.11400	.67126	.16171

#1	.56271	.93711	2.2233	.60334	1.9061	.17428	62.679	.42000
#2	.56174	.93627	2.2099	.60186	1.9077	.17400	63.277	.42096

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	12.540	2.0180	.27999	4.9825	2.1368	12.005	5.5735	.46060
Stddev	.037	.0067	.00096	.0120	.0041	.116	.0098	.00491
%RSD	.29389	.33371	.34356	.24099	.19187	.96332	.17498	1.0669

#1	12.566	2.0132	.27931	4.9910	2.1397	11.923	5.5666	.45713
#2	12.514	2.0227	.28067	4.9740	2.1339	12.087	5.5804	.46408

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.2596	.45057	12.095	.82650	357.73	4.2280	8.1224	.38816
Stddev	.0070	.00071	.099	.00158	1.49	.0246	.0016	.00052
%RSD	.31044	.15731	.81853	.19159	.41788	.58278	.01948	.13287

#1	2.2645	.45007	12.025	.82538	356.68	4.2106	8.1213	.38852
#2	2.2546	.45107	12.165	.82762	358.79	4.2454	8.1236	.38780

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	.33026	2.1019	1.2127	2.9918	2.0845	.5314	89.734	753.05
Stddev	.00055	.0224	.0038	.0276	.0160	.0001	.397	8.11
%RSD	.16656	1.0673	.31303	.92238	.76796	.0255	.44228	1.0776

#1	.33065	2.0860	1.2153	2.9723	2.0959	.5315	89.454	758.79
#2	.32987	2.1178	1.2100	3.0113	2.0732	.5313	90.015	747.31

Sample Name: S5 Acquired: 9/27/2018 11:58:37 Type: Cal
Method: P4-ICP2(v2462) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-118.31
Stddev	5.79
%RSD	4.8971

#1	-114.21
#2	-122.41

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1975.2	35597.	3901.9	91.186	2936.3
Stddev	1.8	17.	19.2	.429	11.4
%RSD	.09283	.04844	.49239	.47045	.38735

#1	1973.9	35585.	3915.5	91.489	2928.2
#2	1976.5	35609.	3888.3	90.883	2944.3

Sample Name: ICV01 Acquired: 9/27/2018 12:27:55 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.0860	1.0707	1.0508	1.0276	1.0284	2.5977	F .52907
Stddev	.0028	.0026	.0032	.0027	.0029	.0163	.00007
%RSD	.25907	.24451	.30307	.26082	.28124	.62641	.01294

#1	1.0840	1.0726	1.0486	1.0295	1.0304	2.6092	.52903
#2	1.0880	1.0689	1.0531	1.0257	1.0263	2.5862	.52912

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49671	.52067	10.506	F .51820	.49987	.50995	5.0631
Stddev	.00032	.00141	.020	.00252	.00072	.00140	.0389
%RSD	.06362	.27147	.18917	.48716	.14450	.27468	.76820

#1	.49693	.52167	10.492	.51999	.49936	.51094	5.0356
#2	.49648	.51967	10.520	.51642	.50038	.50896	5.0906

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .52734	6.0741	.51450	F .54952	10.055	.51440	1.0348
Stddev	.00143	.0792	.00147	.00022	.036	.00237	.0039
%RSD	.27191	1.3041	.28524	.03949	.36251	.46002	.37702

#1	.52836	6.0180	.51346	.54968	10.029	.51608	1.0321
#2	.52633	6.1301	.51553	.54937	10.080	.51273	1.0376

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.315	F 2.6255	F 2.6560	F .00092	2.4753	2.5269	F 2.6598
Stddev	.019	.0095	.0080	.00157	.0247	.0022	.0052
%RSD	.18714	.36302	.30118	171.10	.99617	.08645	.19503

#1	10.301	2.6323	2.6503	-.00019	2.4579	2.5284	2.6562
#2	10.329	2.6188	2.6616	.00203	2.4928	2.5253	2.6635

Sample Name: ICV01 Acquired: 9/27/2018 12:27:55 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.00518	F -.0006	F .01193	F 2.4886	F 2.8249
Stddev	.01069	.0014	.00004	.2119	.6361
%RSD	206.55	241.6	.31627	8.5150	22.518

#1	.00238	-.0016	.01196	2.6384	2.3751
#2	-.01274	.0004	.01191	2.3388	3.2747

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2044.6	36668.	3939.7	95.868	3300.9
Stddev	10.9	214.	5.2	.170	13.5
%RSD	.53275	.58446	.13257	.17764	.41039

#1	2036.9	36517.	3943.4	95.989	3291.3
#2	2052.3	36820.	3936.0	95.748	3310.5

Sample Name: LLICV01 Acquired: 9/27/2018 12:31:46 Type: Unk
Method: P4-ICP2(v2462) 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	.02322	.04690	.01263	.02070	.05700	.08881	.11000	.00629
Stddev	.00254	.00136	.00009	.00000	.00107	.00855	.00082	.00001
%RSD	10.919	2.9073	.68560	.01031	1.8705	9.6289	.74994	.18896
#1	.02501	.04593	.01269	.02070	.05775	.08276	.10942	.00630
#2	.02143	.04786	.01257	.02070	.05624	.09486	.11058	.00628
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00617	2.1769	.01048	.03295	.01993	.10538	.02288	2.1469
Stddev	.00002	.0031	.00031	.00010	.00013	.00273	.00003	.0021
%RSD	.26680	.14339	2.9437	.30985	.63310	2.5950	.14857	.09775
#1	.00619	2.1747	.01026	.03302	.02002	.10731	.02290	2.1454
#2	.00616	2.1791	.01070	.03287	.01984	.10344	.02285	2.1484
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04302	.01092	1.9032	.04454	.04711	2.0605	.21060	.11383
Stddev	.00045	.00007	.0132	.00066	.00123	.0450	.00018	.01056
%RSD	1.0491	.60593	.69116	1.4883	2.6011	2.1821	.08548	9.2764
#1	.04334	.01087	1.8939	.04408	.04624	2.0287	.21073	.10636
#2	.04270	.01097	1.9125	.04501	.04797	2.0923	.21047	.12130
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01792	.42841	.04531	.04671	F .16156	.0174	.02077	F .32004
Stddev	.00040	.00058	.00136	.00140	.00640	.0019	.00019	.01179
%RSD	2.2062	.13622	3.0067	3.0046	3.9593	10.75	.91784	3.6831
#1	.01820	.42800	.04627	.04770	.15704	.0187	.02090	.31170
#2	.01764	.42882	.04435	.04572	.16608	.0161	.02063	.32837

Sample Name: LLICV01 Acquired: 9/27/2018 12:31:46 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .29036
Stddev	.27274
%RSD	93.931

#1	.09751
#2	.48322

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2085.9	37492.	3965.8	97.164	3448.0
Stddev	7.9	1.	12.3	1.836	7.2
%RSD	.38086	.00329	.31089	1.8894	.20800

#1	2080.3	37493.	3957.1	98.462	3442.9
#2	2091.5	37491.	3974.5	95.866	3453.1

Sample Name: ICB01 Acquired: 9/27/2018 12:35:48 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00300	.00104	.00048	.00179	.00226	-.00722	.00009
Stddev	.00195	.00119	.00001	.00028	.00092	.00619	.00013
%RSD	65.086	114.13	1.6141	15.509	40.529	85.660	149.17

#1	.00162	.00020	.00047	.00199	.00161	-.01160	-.00000
#2	.00439	.00188	.00048	.00160	.00291	-.00285	.00018

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00011	.01418	.00023	.00001	-.00067	-.00200
Stddev	.00001	.00002	.00808	.00015	.00018	.00009	.01013
%RSD	25.469	14.108	56.991	64.599	1509.6	13.897	506.78

#1	.00005	-.00010	.00847	.00033	-.00011	-.00060	-.00916
#2	.00007	-.00012	.01990	.00012	.00014	-.00073	.00516

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.04360	-.00018	.00077	-.25143	-.00007	-.00015
Stddev	.00011	.03842	.00016	.00001	.01832	.00018	.00006
%RSD	252.05	88.103	88.547	.98453	7.2859	256.13	41.969

#1	-.00003	-.07077	-.00029	.00076	-.26438	.00006	-.00010
#2	.00012	-.01644	-.00007	.00077	-.23847	-.00020	-.00019

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04079	-.00010	.00988	-.00341	.00066	.00076	-.00085
Stddev	.02388	.00017	.00344	.00378	.00265	.00055	.00029
%RSD	58.527	158.32	34.779	111.04	402.53	71.703	33.828

#1	-.02391	.00001	.00745	-.00073	-.00121	.00038	-.00106
#2	-.05768	-.00022	.01231	-.00608	.00253	.00115	-.00065

Sample Name: ICB01 Acquired: 9/27/2018 12:35:48 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00948	.0001	-.00001	F<.00000	F .33361
Stddev	.00989	.0023	.00003	.28300	.72252
%RSD	104.32	2214.	278.37	20.952	216.57
#1	-.01648	.0017	-.00003	-1.1506	.84451
#2	-.00249	-.0015	.00001	-1.5508	-.17728
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2085.6	37697.	3990.6	96.698	3479.8
Stddev	16.2	108.	8.5	1.671	25.4
%RSD	.77486	.28714	.21183	1.7284	.73106
#1	2074.2	37620.	3984.6	95.517	3461.8
#2	2097.0	37773.	3996.6	97.880	3497.8

Sample Name: CRI01 Acquired: 9/27/2018 12:39:52 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02241	.04601	.01373	.01922	.05813	.10219	.10962
Stddev	.00114	.00101	.00044	.00128	.00028	.01197	.00028
%RSD	5.1064	2.2049	3.1863	6.6424	.48638	11.717	.25288

#1	.02321	.04673	.01342	.01832	.05793	.11066	.10982
#2	.02160	.04530	.01404	.02012	.05833	.09373	.10942

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00642	.00610	2.1306	.01100	.03333	.02014	.10875
Stddev	.00007	.00000	.0040	.00061	.00017	.00006	.00639
%RSD	1.1648	.00778	.18754	5.5321	.51977	.31583	5.8721

#1	.00647	.00610	2.1278	.01057	.03345	.02019	.10424
#2	.00637	.00610	2.1334	.01143	.03321	.02010	.11327

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02326	2.1833	.04299	.01037	1.8817	.04591	.04711
Stddev	.00006	.0328	.00036	.00067	.0136	.00005	.00046
%RSD	.27791	1.5014	.82645	6.5098	.72350	.10472	.98048

#1	.02321	2.1601	.04324	.00989	1.8913	.04588	.04744
#2	.02330	2.2065	.04274	.01085	1.8721	.04594	.04679

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0200	.21290	.11303	.01878	.41946	.04341	.04666
Stddev	.0082	.00014	.00400	.00540	.00156	.00103	.00020
%RSD	.40490	.06580	3.5393	28.752	.37276	2.3627	.43172

#1	2.0257	.21300	.11586	.02259	.42056	.04269	.04680
#2	2.0142	.21280	.11021	.01496	.41835	.04414	.04652

Sample Name: CRI01 Acquired: 9/27/2018 12:39:52 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .17508	.0176	.02103	F<.00000	F .47375
Stddev	.00449	.0001	.00018	.05819	.72613
%RSD	2.5634	.6472	.86478	2.5496	153.27
#1	.17825	.0176	.02116	-2.2413	-.03970
#2	.17191	.0175	.02090	-2.3235	.98721
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2088.8	37683.	3998.3	99.403	3462.1
Stddev	13.7	44.	38.3	1.332	22.4
%RSD	.65545	.11582	.95702	1.3397	.64592
#1	2079.1	37652.	3971.2	98.461	3446.2
#2	2098.5	37714.	4025.3	100.34	3477.9

Sample Name: ICSA01 Acquired: 9/27/2018 12:43:56 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01249	.00034	-.00303	-.01629	.00120	272.52	.00526
Stddev	.00218	.00001	.00085	.00344	.00101	1.23	.00034
%RSD	17.480	3.8991	28.045	21.126	83.863	.45044	6.4744

#1	.01403	.00033	-.00363	-.01872	.00191	271.66	.00550
#2	.01094	.00035	-.00243	-.01385	.00049	273.39	.00501

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00038	.00399	242.48	.05381	-.00092	.00809	96.505
Stddev	.00006	.00021	2.30	.00080	.00033	.00051	1.310
%RSD	14.817	5.3365	.94827	1.4938	35.768	6.2902	1.3570

#1	-.00034	.00384	244.10	.05324	-.00069	.00773	97.431
#2	-.00042	.00414	240.85	.05437	-.00116	.00845	95.579

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01012	259.08	-.00275	-.00191	-.19686	.00145	.00093
Stddev	.00014	2.73	.00063	.00051	.00378	.00005	.00020
%RSD	1.3836	1.0555	22.911	26.769	1.9183	3.5745	21.843

#1	.01022	261.02	-.00231	-.00227	-.19953	.00141	.00107
#2	.01002	257.15	-.00320	-.00155	-.19419	.00148	.00078

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05393	-.00097	.04092	F -.02164	-.00583	.01467	-.00128
Stddev	.01404	.00022	.00180	.00168	.00273	.00292	.00192
%RSD	26.026	23.138	4.3939	7.7836	46.795	19.883	149.79

#1	-.04400	-.00081	.04219	-.02045	-.00776	.01260	-.00263
#2	-.06385	-.00113	.03965	-.02283	-.00390	.01673	.00008

Sample Name: ICSA01 Acquired: 9/27/2018 12:43:56 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .02734	.0073	F .10117	F 9.8343	F 24.442
Stddev	.00056	.0048	.00022	.4718	1.193
%RSD	2.0354	65.53	.21374	4.7975	4.8798

#1	.02695	.0039	.10133	9.5007	25.285
#2	.02774	.0107	.10102	10.168	23.599

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1918.5	33896.	3914.2	90.806	2752.9
Stddev	11.2	99.	49.4	1.827	16.0
%RSD	.58489	.29166	1.2616	2.0117	.58274

#1	1910.5	33826.	3879.3	89.514	2741.6
#2	1926.4	33966.	3949.1	92.098	2764.3

Sample Name: ICSAB01 Acquired: 9/27/2018 12:48:04 Type: Unk
Method: P4-ICP2(v2462) 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	.12179	.10713	.05693	.03025	.64221	280.24	.55215	.57016
Stddev	.00240	.00159	.00078	.00151	.00455	1.13	.00205	.00424
%RSD	1.9675	1.4843	1.3701	5.0032	.70811	.40251	.37188	.74414
#1	.12348	.10825	.05748	.03132	.64543	279.44	.55360	.56716
#2	.12009	.10601	.05638	.02918	.63899	281.04	.55069	.57316
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1340	250.94	.58709	.53667	.50563	98.405	.55018	266.51
Stddev	.0063	.05	.00144	.00134	.00065	1.583	.00105	1.10
%RSD	.55783	.02178	.24535	.25062	.12931	1.6090	.19113	.41279
#1	1.1384	250.97	.58607	.53762	.50609	97.285	.54943	265.73
#2	1.1295	250.90	.58811	.53572	.50517	99.524	.55092	267.29
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0651	.22415	-.20825	.53341	1.0543	-.08397	.00118	.04447
Stddev	.0031	.00072	.01158	.00142	.0177	.00111	.00056	.01798
%RSD	.29287	.32054	5.5590	.26563	1.6838	1.3161	47.132	40.425
#1	1.0673	.22364	-.21644	.53240	1.0417	-.08475	.00079	.05718
#2	1.0629	.22466	-.20006	.53441	1.0669	-.08319	.00157	.03176
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01731	-.00499	.01610	-.00128	F .02015	F .0124	.10420	F 9.4260
Stddev	.00169	.00325	.00009	.00036	.01681	.0009	.00006	.9739
%RSD	9.7760	65.015	.55147	27.776	83.419	7.301	.06128	10.333
#1	-.01850	-.00729	.01616	-.00103	.03203	.0117	.10415	10.115
#2	-.01611	-.00270	.01603	-.00154	.00826	.0130	.10424	8.7373

Sample Name: ICSAB01 Acquired: 9/27/2018 12:48:04 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 24.821
Stddev .118
%RSD .47664

#1 24.905
#2 24.737

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1911.9	33865.	3898.0	90.673	2744.2
Stddev	9.0	105.	.2	1.431	14.3
%RSD	.47219	.31083	.00439	1.5777	.52011

#1	1905.6	33939.	3897.9	91.685	2734.1
#2	1918.3	33790.	3898.1	89.662	2754.3

Sample Name: CCV01 Acquired: 9/27/2018 12:56:30 Type: Unk
 Method: P4-ICP2(v2462) 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	5.1191	5.1073	5.0929	5.1508	5.1651	10.219	10.290	.25631
Stddev	.0242	.0057	.0084	.0106	.0065	.029	.035	.00021
%RSD	.47313	.11116	.16440	.20522	.12484	.27972	.33811	.08014
#1	5.1362	5.1113	5.0870	5.1583	5.1697	10.199	10.315	.25617
#2	5.1020	5.1032	5.0988	5.1433	5.1605	10.239	10.266	.25646
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5539	25.742	1.0254	2.5463	1.2708	5.1729	2.5693	25.512
Stddev	.0007	.182	.0003	.0017	.0029	.1847	.0028	.067
%RSD	.02805	.70602	.03086	.06592	.22953	3.5708	.11043	.26261
#1	2.5534	25.614	1.0251	2.5475	1.2729	5.0423	2.5673	25.464
#2	2.5544	25.871	1.0256	2.5451	1.2688	5.3035	2.5713	25.559
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5436	1.2761	25.435	2.5570	2.5962	25.572	5.1653	5.1461
Stddev	.0010	.0012	.118	.0094	.0711	.097	.0075	.0549
%RSD	.03827	.09522	.46316	.36740	2.7391	.37742	.14566	1.0673
#1	2.5429	1.2770	25.518	2.5503	2.5459	25.640	5.1706	5.1072
#2	2.5443	1.2753	25.351	2.5636	2.6465	25.503	5.1600	5.1849
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0529	5.1002	5.0857	5.1704	F 4.6879	5.117	5.1961	F 3.8260
Stddev	.0123	.0069	.0013	.0260	.0371	.016	.0078	.7570
%RSD	.24374	.13440	.02635	.50263	.79221	.3147	.14948	19.784
#1	5.0616	5.1050	5.0866	5.1521	4.6616	5.128	5.2016	4.3613
#2	5.0441	5.0954	5.0848	5.1888	4.7141	5.105	5.1906	3.2908

Sample Name: CCV01 Acquired: 9/27/2018 12:56:30 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.2311
Stddev	.1079
%RSD	3.3396

#1	3.3074
#2	3.1548

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2022.9	36646.	3961.6	93.086	3122.3
Stddev	5.8	56.	6.5	2.417	8.4
%RSD	.28491	.15379	.16332	2.5963	.26845

#1	2018.9	36606.	3957.0	94.795	3116.4
#2	2027.0	36686.	3966.2	91.377	3128.3

Sample Name: CCB01 Acquired: 9/27/2018 13:05:43 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00194	.00044	-.00011	.00177	.00102	-.01300	.00025
Stddev	.00078	.00096	.00089	.00380	.00024	.00091	.00087
%RSD	40.151	216.63	818.93	214.52	23.770	6.9963	348.98

#1	.00139	-.00023	-.00074	-.00092	.00119	-.01236	.00086
#2	.00249	.00112	.00052	.00446	.00085	-.01365	-.00036

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00011	.01493	.00062	.00002	-.00054	.00547
Stddev	.00008	.00015	.00345	.00063	.00012	.00021	.00739
%RSD	157.74	141.00	23.085	100.50	627.08	38.696	135.22

#1	.00011	-.00000	.01737	.00106	-.00007	-.00040	.00024
#2	-.00001	-.00021	.01249	.00018	.00011	-.00069	.01070

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.03773	.00005	.00019	-.29675	-.00019	-.00023
Stddev	.00007	.01827	.00051	.00059	.00117	.00102	.00009
%RSD	126.90	48.413	954.90	308.47	.39349	541.72	39.402

#1	.00001	-.02482	.00041	.00061	-.29593	-.00091	-.00029
#2	.00011	-.05065	-.00031	-.00023	-.29758	.00053	-.00016

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04556	.00016	.00255	-.00553	-.00096	.00123	.00054
Stddev	.00337	.00023	.00448	.00103	.00161	.00015	.00255
%RSD	7.3887	147.45	175.99	18.549	167.15	12.023	471.28

#1	-.04318	.00032	-.00062	-.00480	.00017	.00112	.00234
#2	-.04794	-.00001	.00572	-.00625	-.00210	.00133	-.00126

Sample Name: CCB01 Acquired: 9/27/2018 13:05:43 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.02667	-.0011	-.00005	F 2.0213	F 1.0582
Stddev	.00564	.0013	.00007	.0931	.5300
%RSD	21.162	115.2	143.44	4.6078	50.082

#1	-.02268	-.0020	.00000	2.0872	1.4330
#2	-.03066	-.0002	-.00010	1.9555	.68346

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2089.9	37289.	3947.9	95.914	3488.3
Stddev	10.1	34.	5.7	.575	15.0
%RSD	.48506	.09206	.14532	.59928	.43137

#1	2082.7	37265.	3943.8	95.508	3477.7
#2	2097.0	37314.	3951.9	96.320	3498.9

Sample Name: PB113231BL Acquired: 9/27/2018 13:09:49 Type: Unk
Method: P4-ICP2(v2462) 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	.00339	.00007	-.00018	.00434	.00053	-.00631	-.00013
Stddev	.00495	.00107	.00114	.00169	.00162	.00223	.00080
%RSD	145.94	1499.1	617.03	39.073	303.51	35.357	608.99

#1	-.00011	.00083	-.00099	.00554	.00168	-.00788	-.00070
#2	.00689	-.00069	.00062	.00314	-.00061	-.00473	.00044

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00019	.00937	.00024	.00009	-.00046	-.00072
Stddev	.00003	.00004	.01544	.00019	.00005	.00016	.00855
%RSD	57.290	22.779	164.80	79.620	50.503	34.158	1193.6

#1	.00007	-.00016	-.00155	.00011	.00006	-.00058	-.00676
#2	.00003	-.00022	.02029	.00038	.00013	-.00035	.00533

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00864	-.00026	.00022	-.29419	.00012	-.00022
Stddev	.00014	.01206	.00062	.00037	.01971	.00045	.00006
%RSD	277.45	139.58	239.53	172.85	6.7011	365.23	27.490

#1	.00015	-.01717	-.00070	.00048	-.30813	-.00019	-.00026
#2	-.00005	-.00011	.00018	-.00005	-.28025	.00044	-.00017

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07425	.00000	-.00503	.00015	-.00013	.00014	.00076
Stddev	.03940	.00002	.00485	.00405	.00265	.00106	.00031
%RSD	53.067	598.26	96.383	2766.3	2061.2	770.45	40.484

#1	-.10212	-.00001	-.00160	-.00272	.00175	.00088	.00097
#2	-.04639	.00002	-.00846	.00301	-.00200	-.00061	.00054

Sample Name: PB113231BL Acquired: 9/27/2018 13:09:49 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.02254	.0000	-.00002	F<.00000	F .43022
Stddev	.01668	.0009	.00010	.19281	.44712
%RSD	74.002	2645.	478.20	34.845	103.93

#1	-.03433	.0007	.00005	-.41700	.11406
#2	-.01074	-.0006	-.00009	-.68966	.74638

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2079.7	37728.	3939.9	97.014	3470.9
Stddev	6.1	96.	1.1	.596	8.8
%RSD	.29497	.25376	.02717	.61402	.25212

#1	2075.3	37660.	3940.7	97.435	3464.7
#2	2084.0	37795.	3939.2	96.592	3477.1

Sample Name: PB113231BS Acquired: 9/27/2018 13:13:55 Type: Unk
Method: P4-ICP2(v2462) 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	.86900	2.1741	1.0753	2.0975	.85896	2.1175	.21918
Stddev	.00821	.0018	.0079	.0005	.00139	.0198	.00025
%RSD	.94486	.08367	.73113	.02209	.16225	.93284	.11417

#1	.87481	2.1728	1.0697	2.0978	.85797	2.1035	.21935
#2	.86320	2.1754	1.0808	2.0972	.85994	2.1314	.21900

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20805	.21380	1.1188	.43540	.20657	.31685	3.1831
Stddev	.00037	.00100	.0067	.00411	.00017	.00081	.0522
%RSD	.17587	.46841	.60011	.94403	.08224	.25501	1.6404

#1	.20779	.21309	1.1236	.43249	.20669	.31628	3.2200
#2	.20831	.21451	1.1141	.43830	.20645	.31743	3.1462

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22235	2.1251	.51696	.07595	2.9742	.32574	.21631
Stddev	.00046	.0056	.00142	.00029	.0029	.00158	.00679
%RSD	.20606	.26405	.27384	.37539	.09750	.48476	3.1382

#1	.22203	2.1291	.51596	.07575	2.9722	.32462	.22111
#2	.22267	2.1211	.51796	.07615	2.9763	.32685	.21151

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.829	.44079	.32466	F -.00895	.99920	.71040	.22129
Stddev	.042	.00063	.01950	.00034	.00359	.00517	.00194
%RSD	.39174	.14333	6.0067	3.8185	.35955	.72753	.87688

#1	10.859	.44035	.33845	-.00871	.99666	.70674	.22266
#2	10.799	.44124	.31087	-.00919	1.0017	.71405	.21992

Sample Name: PB113231BS Acquired: 9/27/2018 13:13:55 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 1.9267	5.627	.21775	F 1.4645	F 1.0220
Stddev	.0032	.008	.00062	.2358	.2082
%RSD	.16829	.1344	.28319	16.099	20.370

#1	1.9244	5.622	.21818	1.2978	1.1692
#2	1.9290	5.632	.21731	1.6312	.87478

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2052.3	37175.	3902.1	95.847	3369.9
Stddev	2.1	161.	47.9	3.233	1.9
%RSD	.10159	.43375	1.2279	3.3730	.05592

#1	2050.8	37061.	3868.2	93.561	3371.2
#2	2053.8	37289.	3936.0	98.133	3368.6

Sample Name: J5081-17 Acquired: 9/27/2018 13:17:49 Type: Unk
Method: P4-ICP2(v2462) 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	.03717	-.01540	.51768	-.01570	-.00000	100.76	.52232
Stddev	.00110	.00226	.00233	.00102	.00152	.76	.00316
%RSD	2.9608	14.675	.45076	6.4765	144780.	.74987	.60474

#1	.03639	-.01380	.51933	-.01498	.00108	101.30	.52009
#2	.03795	-.01699	.51603	-.01642	-.00108	100.23	.52455

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00385	.00483	18.907	.17383	.07093	.26131	202.53
Stddev	.00020	.00006	.142	.00110	.00002	.00099	1.06
%RSD	5.1711	1.2119	.74944	.63469	.02714	.38045	.52558

#1	.00399	.00479	18.807	.17305	.07092	.26202	203.28
#2	.00371	.00487	19.007	.17461	.07095	.26061	201.78

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2758	23.755	.13436	-.00130	3.8036	.26399	.59262
Stddev	.0106	.087	.00123	.00034	.0277	.00045	.00092
%RSD	.32350	.36674	.91810	25.919	.72733	.16966	.15459

#1	3.2833	23.694	.13524	-.00106	3.7840	.26367	.59197
#2	3.2683	23.817	.13349	-.00154	3.8231	.26430	.59327

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9389	.00230	.13635	2.2947	3.2400	.89838	2.2853
Stddev	.0291	.00006	.00515	.0050	.0510	.00352	.0089
%RSD	.58912	2.5139	3.7764	.21963	1.5735	.39166	.38876

#1	4.9594	.00226	.13999	2.2912	3.2039	.89589	2.2791
#2	4.9183	.00234	.13271	2.2983	3.2760	.90087	2.2916

Sample Name: J5081-17 Acquired: 9/27/2018 13:17:49 Type: Unk
Method: P4-ICP2(v2462) 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	.87175	5.312	.20196	F<.00000	33.398
Stddev	.00028	.007	.00144	.70501	.820
%RSD	.03265	.1346	.71533	2.9670	2.4564
#1	.87195	5.307	.20298	-23.263	32.818
#2	.87155	5.317	.20094	-24.260	33.978
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2255.7	40848.	4523.6	95.944	3092.2
Stddev	8.4	175.	32.8	.243	4.9
%RSD	.37210	.42859	.72509	.25358	.15749
#1	2249.7	40724.	4546.7	95.772	3088.8
#2	2261.6	40971.	4500.4	96.116	3095.7

Sample Name: J5081-17DUP Acquired: 9/27/2018 13:21:45 Type: Unk
Method: P4-ICP2(v2462) 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	.03492	-.01550	.51956	-.02074	-.00193	102.33	.53731
Stddev	.00564	.00025	.00057	.00381	.00024	.15	.00146
%RSD	16.145	1.6093	.11014	18.351	12.423	.14325	.27170

#1	.03891	-.01568	.51996	-.02343	-.00176	102.23	.53628
#2	.03094	-.01532	.51915	-.01805	-.00210	102.43	.53835

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00378	.00501	19.354	.17693	.07173	.26177	203.77
Stddev	.00037	.00017	.063	.00209	.00056	.00009	.49
%RSD	9.7995	3.4236	.32625	1.1795	.78664	.03569	.24209

#1	.00404	.00513	19.310	.17840	.07212	.26184	203.42
#2	.00352	.00489	19.399	.17545	.07133	.26170	204.12

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3105	23.908	.13590	-.00144	3.8603	.26493	.59749
Stddev	.0038	.158	.00083	.00089	.0551	.00031	.00063
%RSD	.11437	.65997	.60745	61.962	1.4286	.11743	.10481

#1	3.3132	24.019	.13649	-.00208	3.8213	.26515	.59793
#2	3.3079	23.796	.13532	-.00081	3.8993	.26471	.59704

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9427	.00240	.13888	2.3286	3.2227	.89030	2.2802
Stddev	.0215	.00004	.00622	.0173	.0342	.00514	.0125
%RSD	.43529	1.5762	4.4815	.74249	1.0623	.57716	.54716

#1	4.9275	.00243	.13448	2.3408	3.1985	.89393	2.2714
#2	4.9579	.00237	.14328	2.3164	3.2469	.88667	2.2891

Sample Name: J5081-17DUP Acquired: 9/27/2018 13:21:45 Type: Unk
Method: P4-ICP2(v2462) 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	.86688	5.378	.20306	F<.00000	33.169
Stddev	.00335	.008	.00017	1.2388	.364
%RSD	.38692	.1416	.08562	5.9636	1.0965

#1	.86451	5.384	.20293	-21.649	32.911
#2	.86926	5.373	.20318	-19.897	33.426

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2254.5	40460.	4473.4	95.195	3081.4
Stddev	5.3	125.	1.2	.058	3.7
%RSD	.23433	.30773	.02700	.06066	.12029

#1	2250.7	40372.	4474.3	95.235	3078.8
#2	2258.2	40548.	4472.6	95.154	3084.1

Sample Name: J5081-17LX5 Acquired: 9/27/2018 13:25:40 Type: Unk
Method: P4-ICP2(v2462) 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	.00843	-.00229	.10655	-.00207	-.00063	21.739	.11852
Stddev	.00092	.00115	.00151	.00361	.00210	.145	.00183
%RSD	10.951	50.236	1.4133	174.13	334.84	.66693	1.5463

#1	.00908	-.00148	.10761	.00048	.00086	21.636	.11982
#2	.00777	-.00310	.10548	-.00463	-.00211	21.841	.11723

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00071	.00044	4.3921	.03786	.01409	.06010	43.106
Stddev	.00001	.00007	.0014	.00065	.00041	.00010	1.007
%RSD	1.7786	15.565	.03174	1.7072	2.9434	.16377	2.3357

#1	.00071	.00039	4.3931	.03832	.01438	.06003	43.818
#2	.00070	.00048	4.3911	.03740	.01379	.06017	42.394

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74675	5.2960	.02551	-.00042	.56040	.05916	.12797
Stddev	.00050	.1701	.00038	.00058	.01089	.00024	.00244
%RSD	.06751	3.2125	1.4966	139.59	1.9427	.41272	1.9066

#1	.74640	5.4163	.02578	-.00001	.56810	.05933	.12970
#2	.74711	5.1757	.02524	-.00083	.55270	.05899	.12625

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0466	-.00007	.03250	.45150	.81323	.19035	.51954
Stddev	.0284	.00034	.00827	.00520	.01554	.00065	.00228
%RSD	2.7118	509.39	25.450	1.1521	1.9106	.34246	.43795

#1	1.0265	-.00031	.03835	.45517	.82422	.19081	.52115
#2	1.0667	.00017	.02665	.44782	.80224	.18989	.51793

Sample Name: J5081-17LX5 Acquired: 9/27/2018 13:25:40 Type: Unk
Method: P4-ICP2(v2462) 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	.17674	1.068	.04565	F<.00000	14.511
Stddev	.00861	.001	.00008	.34376	.141
%RSD	4.8740	.0569	.17850	6.5067	.97497

#1	.17065	1.068	.04571	-5.5262	14.611
#2	.18283	1.068	.04559	-5.0400	14.411

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2128.0	38251.	4075.8	95.684	3333.0
Stddev	10.7	90.	25.2	2.385	21.8
%RSD	.50206	.23649	.61786	2.4930	.65483

#1	2120.4	38187.	4058.0	93.998	3317.6
#2	2135.5	38315.	4093.6	97.371	3348.5

Sample Name: J5081-17MS Acquired: 9/27/2018 13:29:38 Type: Unk
Method: P4-ICP2(v2462) 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	.84004	2.2180	1.6401	1.8972	.79176	100.60	.71600
Stddev	.00101	.0062	.0021	.0071	.00290	.13	.00248
%RSD	.12066	.27752	.13015	.37565	.36677	.12894	.34611

#1	.83932	2.2137	1.6386	1.8922	.78971	100.69	.71775
#2	.84076	2.2224	1.6416	1.9023	.79381	100.51	.71425

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20094	.23466	19.907	.56208	.29221	.54385	202.49
Stddev	.00028	.00036	.088	.00021	.00085	.00016	9.29
%RSD	.14099	.15264	.44094	.03785	.29225	.02878	4.5899

#1	.20074	.23491	19.969	.56193	.29161	.54396	195.92
#2	.20115	.23440	19.845	.56223	.29281	.54374	209.06

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3807	25.665	.67669	.06984	6.6467	.56238	.79289
Stddev	.0041	.106	.00250	.00138	.0545	.00014	.03416
%RSD	.12070	.41310	.36930	1.9703	.81967	.02530	4.3079

#1	3.3836	25.590	.67492	.06887	6.6852	.56248	.76874
#2	3.3778	25.740	.67845	.07082	6.6082	.56228	.81705

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.193	.40763	.43692	2.2326	4.2516	1.6898	2.5017
Stddev	.011	.00140	.01349	.0103	.0130	.0038	.0149
%RSD	.07500	.34224	3.0872	.46177	.30650	.22557	.59370

#1	15.185	.40664	.42738	2.2253	4.2608	1.6871	2.4912
#2	15.201	.40861	.44646	2.2399	4.2424	1.6925	2.5122

Sample Name: J5081-17MS Acquired: 9/27/2018 13:29:38 Type: Unk
 Method: P4-ICP2(v2462) 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	2.6956	11.44	.39897	F<.00000	31.446
Stddev	.0023	.01	.00194	1.5862	.822
%RSD	.08601	.0752	.48646	7.1792	2.6143

#1	2.6940	11.43	.40034	-20.973	32.027
#2	2.6973	11.44	.39760	-23.216	30.864

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2241.8	40523.	4432.9	95.604	3070.3
Stddev	4.1	191.	33.4	4.092	4.6
%RSD	.18349	.47087	.75437	4.2799	.14986

#1	2238.9	40388.	4409.2	98.497	3067.1
#2	2244.7	40658.	4456.5	92.710	3073.6

Sample Name: J5081-17MSD Acquired: 9/27/2018 13:33:25 Type: Unk
Method: P4-ICP2(v2462) 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	.83056	2.2041	1.6244	1.8721	.78669	99.994	.70919
Stddev	.00163	.0023	.0006	.0027	.00316	.057	.00329
%RSD	.19608	.10498	.03899	.14687	.40132	.05742	.46460

#1	.83171	2.2058	1.6240	1.8701	.78446	100.03	.71152
#2	.82940	2.2025	1.6249	1.8740	.78892	99.953	.70686

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20046	.23256	19.704	.55900	.28970	.54080	204.36
Stddev	.00030	.00096	.117	.00016	.00072	.00077	1.62
%RSD	.15079	.41319	.59198	.02935	.24800	.14315	.79200

#1	.20067	.23189	19.786	.55889	.28920	.54025	205.50
#2	.20024	.23324	19.621	.55912	.29021	.54135	203.21

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3737	25.597	.67028	.07052	6.5791	.56570	.79937
Stddev	.0010	.109	.00238	.00078	.0318	.00313	.00664
%RSD	.02903	.42477	.35549	1.1063	.48364	.55301	.83103

#1	3.3744	25.520	.66859	.07107	6.6016	.56349	.80407
#2	3.3730	25.674	.67196	.06997	6.5566	.56792	.79468

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.121	.40437	.43853	2.2153	4.2900	1.6669	2.5183
Stddev	.013	.00131	.01310	.0167	.0333	.0002	.0032
%RSD	.08434	.32473	2.9882	.75541	.77681	.01060	.12784

#1	15.112	.40530	.42926	2.2272	4.2664	1.6667	2.5205
#2	15.130	.40344	.44779	2.2035	4.3136	1.6670	2.5160

Sample Name: J5081-17MSD Acquired: 9/27/2018 13:33:25 Type: Unk
Method: P4-ICP2(v2462) 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	2.6897	11.31	.39675	F<.00000	31.614
Stddev	.0236	.01	.00180	2.0888	.658
%RSD	.87790	.1165	.45325	8.8928	2.0829

#1	2.6730	11.32	.39802	-22.012	31.149
#2	2.7064	11.30	.39548	-24.965	32.080

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2261.5	40676.	4434.9	94.392	3098.6
Stddev	4.5	.	19.2	.880	5.8
%RSD	.20035	.00108	.43228	.93202	.18591

#1	2264.7	40676.	4421.4	93.770	3102.7
#2	2258.3	40677.	4448.5	95.014	3094.5

Sample Name: J5081-17A Acquired: 9/27/2018 13:37:12 Type: Unk
Method: P4-ICP2(v2462) 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	.84468	2.2068	1.6347	1.8983	.79709	101.06	.71657
Stddev	.00107	.0131	.0008	.0080	.00419	.33	.00277
%RSD	.12705	.59419	.05162	.41871	.52505	.32934	.38698

#1	.84544	2.1976	1.6353	1.9039	.79413	100.82	.71853
#2	.84392	2.2161	1.6341	1.8927	.80005	101.29	.71461

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20080	.23438	19.947	.55884	.29165	.54215	204.24
Stddev	.00061	.00130	.091	.00285	.00027	.00124	2.84
%RSD	.30469	.55623	.45833	.51015	.09339	.22854	1.3890

#1	.20123	.23530	20.012	.55682	.29146	.54127	202.23
#2	.20036	.23346	19.882	.56085	.29184	.54303	206.25

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3915	25.787	.67653	.06955	6.6241	.55900	.79884
Stddev	.0017	.128	.00100	.00041	.0404	.00030	.01167
%RSD	.04904	.49565	.14746	.58840	.61004	.05398	1.4614

#1	3.3903	25.696	.67583	.06984	6.6527	.55921	.79059
#2	3.3927	25.877	.67724	.06926	6.5956	.55878	.80710

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.237	.40703	.43329	2.2483	4.2478	1.6840	2.5107
Stddev	.040	.00099	.00742	.0077	.0091	.0063	.0018
%RSD	.25938	.24432	1.7126	.34217	.21453	.37478	.07303

#1	15.209	.40632	.42804	2.2428	4.2543	1.6795	2.5094
#2	15.265	.40773	.43854	2.2537	4.2414	1.6884	2.5120

Sample Name: J5081-17A Acquired: 9/27/2018 13:37:12 Type: Unk
 Method: P4-ICP2(v2462) 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	2.7063	11.43	.39758	F<.00000	31.574
Stddev	.0138	.01	.00126	.85146	.653
%RSD	.50932	.0594	.31585	4.2593	2.0672
#1	2.6965	11.43	.39846	-19.388	32.035
#2	2.7160	11.43	.39669	-20.592	31.112
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2259.5	40498.	4424.5	94.959	3091.9
Stddev	8.0	5.	.4	1.174	14.2
%RSD	.35313	.01321	.00995	1.2365	.45892
#1	2253.8	40495.	4424.2	95.789	3081.8
#2	2265.1	40502.	4424.8	94.129	3101.9

Sample Name: PB113248BL Acquired: 9/27/2018 13:40:58 Type: Unk
Method: P4-ICP2(v2462) 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	.00190	.00026	.00080	.00014	.00004	-.00469	.00051
Stddev	.00121	.00019	.00130	.00030	.00025	.00609	.00071
%RSD	63.798	72.936	163.19	213.13	626.01	129.85	139.00

#1	.00104	.00012	-.00012	-.00007	-.00014	-.00038	.00001
#2	.00276	.00039	.00172	.00035	.00021	-.00900	.00101

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00010	.01806	-.00023	-.00007	-.00084	.00305
Stddev	.00002	.00014	.00524	.00036	.00004	.00011	.00033
%RSD	17.548	140.14	29.018	154.25	55.279	12.685	10.940

#1	.00010	-.00019	.02176	-.00049	-.00009	-.00077	.00328
#2	.00008	-.00000	.01435	.00002	-.00004	-.00092	.00281

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.06613	-.00013	-.00030	-.33086	-.00022	-.00019
Stddev	.00002	.05371	.00013	.00008	.00540	.00028	.00002
%RSD	27.539	81.216	99.037	26.616	1.6317	127.63	12.622

#1	.00007	-.02815	-.00004	-.00024	-.32705	-.00042	-.00017
#2	.00011	-.10411	-.00023	-.00035	-.33468	-.00002	-.00021

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.09065	-.00006	.00273	.00228	.00488	.00006	.00001
Stddev	.00744	.00009	.00304	.00077	.00243	.00059	.00105
%RSD	8.2031	131.91	111.20	34.007	49.842	1046.9	14847.

#1	-.09591	-.00013	.00058	.00173	.00316	-.00036	.00075
#2	-.08539	-.00000	.00488	.00283	.00660	.00047	-.00073

Sample Name: PB113248BL Acquired: 9/27/2018 13:40:58 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.02055	.0003	-.00016	F 1.4484	F .72828
Stddev	.00569	.0011	.00012	.0745	.21582
%RSD	27.688	344.8	71.889	5.1404	29.634

#1	-.02457	-.0005	-.00008	1.3957	.88089
#2	-.01653	.0011	-.00025	1.5010	.57567

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2077.5	37403.	3924.2	94.602	3464.7
Stddev	1.6	50.	21.3	2.606	10.6
%RSD	.07672	.13387	.54328	2.7543	.30725

#1	2076.4	37438.	3909.1	92.759	3457.2
#2	2078.7	37368.	3939.3	96.444	3472.3

Sample Name: PB113248BS Acquired: 9/27/2018 13:45:02 Type: Unk
Method: P4-ICP2(v2462) 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	.80506	1.9743	.98459	1.9194	.81843	1.9968	.20785
Stddev	.00746	.0012	.00004	.0083	.00412	.0209	.00030
%RSD	.92699	.05989	.00410	.43106	.50334	1.0452	.14573

#1	.79978	1.9735	.98456	1.9252	.82134	1.9821	.20764
#2	.81034	1.9752	.98462	1.9135	.81552	2.0116	.20807

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18818	.19661	1.0798	.41150	.19361	.29676	3.0671
Stddev	.00007	.00019	.0214	.00052	.00009	.00092	.0734
%RSD	.03895	.09618	1.9781	.12549	.04746	.31054	2.3933

#1	.18812	.19675	1.0647	.41186	.19368	.29611	3.0152
#2	.18823	.19648	1.0949	.41113	.19355	.29741	3.1191

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20978	2.0523	.48172	.07052	2.7640	.31371	.20582
Stddev	.00010	.0362	.00087	.00077	.0230	.00062	.00551
%RSD	.04552	1.7617	.17980	1.0894	.83268	.19650	2.6772

#1	.20971	2.0267	.48111	.07106	2.7478	.31327	.20192
#2	.20985	2.0778	.48233	.06998	2.7803	.31415	.20971

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.207	.43505	.30695	F -.00874	.91339	.66804	.21685
Stddev	.049	.00081	.00201	.00416	.00004	.00310	.00182
%RSD	.47541	.18622	.65489	47.601	.00430	.46459	.83831

#1	10.172	.43448	.30553	-.00580	.91342	.67024	.21814
#2	10.241	.43562	.30837	-.01169	.91336	.66585	.21557

Sample Name: PB113248BS Acquired: 9/27/2018 13:45:02 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 1.8185	5.119	.20723	F 2.9756	.87785
Stddev	.0125	.016	.00045	.1691	.12181
%RSD	.68811	.3121	.21822	5.6837	13.876

#1	1.8096	5.130	.20691	3.0951	.79172
#2	1.8273	5.108	.20755	2.8560	.96398

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1996.2	36819.	3882.7	94.567	3333.6
Stddev	12.0	87.	11.5	1.587	25.5
%RSD	.60133	.23556	.29635	1.6779	.76379

#1	1987.7	36758.	3890.9	95.689	3315.6
#2	2004.7	36880.	3874.6	93.445	3351.6

Sample Name: CCV02 Acquired: 9/27/2018 13:48:53 Type: Unk
Method: P4-ICP2(v2462) 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	5.0860	5.0867	5.0789	5.0831	5.1411	10.207	10.113	.25531
Stddev	.0198	.0311	.0255	.0140	.0102	.035	.008	.00014
%RSD	.38884	.61085	.50103	.27477	.19882	.34573	.07750	.05494
#1	5.0999	5.0647	5.0609	5.0930	5.1483	10.182	10.107	.25541
#2	5.0720	5.1087	5.0969	5.0733	5.1339	10.232	10.118	.25521
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5570	25.709	1.0307	2.5381	1.2675	5.1641	2.5733	25.700
Stddev	.0115	.245	.0037	.0128	.0034	.0059	.0034	.152
%RSD	.44823	.95407	.36100	.50536	.27068	.11416	.13373	.59178
#1	2.5489	25.536	1.0334	2.5290	1.2651	5.1683	2.5757	25.592
#2	2.5651	25.883	1.0281	2.5472	1.2699	5.1599	2.5709	25.807
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5340	1.2711	25.192	2.5522	2.5977	25.604	5.1465	5.1482
Stddev	.0153	.0042	.077	.0084	.0050	.128	.0067	.0500
%RSD	.60316	.33008	.30727	.32854	.19048	.49953	.12980	.97021
#1	2.5232	1.2741	25.137	2.5581	2.5942	25.514	5.1418	5.1129
#2	2.5448	1.2682	25.247	2.5462	2.6012	25.695	5.1512	5.1835
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0189	5.1135	5.0042	5.1900	4.6802	5.104	5.2034	F 3.5763
Stddev	.0257	.0511	.0400	.0415	.0349	.028	.0290	.0652
%RSD	.51152	.99915	.79922	.80048	.74552	.5475	.55678	1.8236
#1	5.0007	5.0774	4.9759	5.1606	4.6556	5.084	5.1829	3.6224
#2	5.0370	5.1497	5.0325	5.2194	4.7049	5.124	5.2238	3.5302

Sample Name: CCV02 Acquired: 9/27/2018 13:48:53 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.6690
Stddev .3431
%RSD 9.3524

#1 3.9117
#2 3.4264

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2034.7	36674.	3920.6	93.195	3140.9
Stddev	1.7	93.	16.6	.015	7.8
%RSD	.08166	.25287	.42439	.01631	.24725

#1	2033.5	36608.	3932.3	93.206	3146.4
#2	2035.8	36739.	3908.8	93.184	3135.4

Sample Name: CCB02 Acquired: 9/27/2018 13:58:37 Type: Unk
Method: P4-ICP2(v2462) 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	-.00136	.00101	-.00084	.00233	.00126	-.01087	.00161
Stddev	.00360	.00014	.00107	.00171	.00336	.00433	.00020
%RSD	265.06	13.922	126.69	73.316	266.96	39.886	12.327

#1	.00119	.00111	-.00160	.00112	.00364	-.01393	.00175
#2	-.00390	.00091	-.00009	.00353	-.00112	-.00780	.00147

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00006	.01469	.00009	-.00023	-.00061	.00011
Stddev	.00011	.00007	.01371	.00041	.00012	.00026	.00023
%RSD	480.56	105.99	93.307	463.05	54.456	43.137	208.44

#1	.00010	-.00011	.00500	-.00020	-.00014	-.00042	.00027
#2	-.00006	-.00002	.02438	.00038	-.00031	-.00079	-.00005

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00647	-.00014	-.00072	-.28856	-.00001	-.00016
Stddev	.00003	.05519	.00027	.00022	.00700	.00025	.00002
%RSD	222.02	853.54	196.51	30.483	2.4263	2201.9	13.488

#1	.00001	.04550	.00005	-.00088	-.28361	-.00019	-.00014
#2	-.00003	-.03256	-.00033	-.00057	-.29351	.00017	-.00017

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.09229	.00003	.00046	-.00231	-.00028	.00032	.00242
Stddev	.05456	.00006	.01297	.00202	.00220	.00158	.00122
%RSD	59.122	231.77	2800.7	87.083	784.37	497.22	50.226

#1	-.13087	-.00002	-.00871	-.00374	.00127	-.00080	.00328
#2	-.05371	.00007	.00963	-.00089	-.00184	.00144	.00156

Sample Name: CCB02 Acquired: 9/27/2018 13:58:37 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01071	-.0019	-.00007	F .47331	F .97376
Stddev	.00247	.0000	.00001	.13897	.03197
%RSD	23.095	.4358	15.152	29.362	3.2832

#1	-.01246	-.0019	-.00006	.57158	.95116
#2	-.00896	-.0019	-.00008	.37504	.99637

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2102.0	38053.	3911.6	96.167	3496.1
Stddev	3.2	58.	11.5	2.747	7.3
%RSD	.15371	.15242	.29302	2.8559	.21011

#1	2099.7	38011.	3919.7	98.109	3490.9
#2	2104.3	38094.	3903.5	94.225	3501.3

Sample Name: PB113248TB Acquired: 9/27/2018 14:02:41 Type: Unk
Method: P4-ICP2(v2462) 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	-.00173	-.00306	.00071	.00471	.00208	-.00980	-.00108	-.00007
Stddev	.00051	.00106	.00114	.00221	.00174	.00575	.00046	.00008
%RSD	29.295	34.595	160.28	46.847	83.959	58.642	42.031	113.23
#1	-.00209	-.00381	-.00009	.00627	.00084	-.01387	-.00140	-.00001
#2	-.00137	-.00231	.00151	.00315	.00331	-.00574	-.00076	-.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00028	.03264	.00097	-.00021	-.00062	.00672	.00039	.01471
Stddev	.00004	.00453	.00116	.00015	.00034	.00639	.00001	.03411
%RSD	14.992	13.872	119.82	72.886	54.560	95.034	1.5944	231.81
#1	-.00025	.03585	.00015	-.00010	-.00086	.01124	.00039	.03883
#2	-.00031	.02944	.00179	-.00031	-.00038	.00221	.00040	-.00940
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00038	-.00048	F 360.65	.00048	.00732	-.05579	.00043	.01286
Stddev	.00046	.00064	2.77	.00011	.00026	.01367	.00011	.00702
%RSD	119.19	134.43	.76754	23.415	3.4899	24.510	24.519	54.546
#1	.00071	-.00002	358.69	.00056	.00714	-.06546	.00051	.00790
#2	.00006	-.00093	362.60	.00040	.00750	-.04612	.00036	.01782
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00284	.00834	.00442	.00239	-.02069	-.0004	.00016	F 6.5472
Stddev	.00378	.00107	.00070	.00270	.01330	.0024	.00004	.3281
%RSD	133.15	12.823	15.743	112.84	64.261	677.5	26.892	5.0110
#1	.00017	.00909	.00491	.00048	-.03009	.0014	.00013	6.3152
#2	.00551	.00758	.00393	.00429	-.01129	-.0021	.00020	6.7792

Sample Name: PB113248TB Acquired: 9/27/2018 14:02:41 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.9035
Stddev	.0142
%RSD	.48900

#1	2.8934
#2	2.9135

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1924.4	34689.	3898.2	93.588	2991.6
Stddev	12.6	7.	23.3	.932	11.3
%RSD	.65558	.01949	.59694	.99538	.37876

#1	1915.5	34694.	3914.7	94.247	2983.6
#2	1933.4	34684.	3881.8	92.930	2999.6

Sample Name: J5078-02 Acquired: 9/27/2018 14:06:52 Type: Unk
Method: P4-ICP2(v2462) 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	.00118	-.00043	-.00079	.00263	.00148	.03758	.04940	-.00007
Stddev	.00111	.00067	.00077	.00081	.00059	.00247	.00196	.00000
%RSD	94.570	157.58	98.067	30.661	39.956	6.5843	3.9683	6.8969

#1	.00039	.00005	-.00134	.00320	.00106	.03583	.05078	-.00007
#2	.00197	-.00090	-.00024	.00206	.00190	.03933	.04801	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	5.9126	.00164	.00004	-.00000	.07935	.04291	1.4219
Stddev	.00002	.0279	.00019	.00017	.00015	.00192	.00001	.0145
%RSD	12.456	.47131	11.340	444.00	4932.9	2.4257	.02089	1.0179

#1	-.00019	5.9323	.00151	.00016	-.00011	.08072	.04291	1.4116
#2	-.00016	5.8928	.00177	-.00008	.00010	.07799	.04290	1.4321

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00080	-.00016	7.5443	-.00006	.02239	.80395	.00313	.02366
Stddev	.00001	.00010	.0362	.00011	.00043	.03478	.00013	.01007
%RSD	1.1389	61.558	.47931	170.65	1.9159	4.3262	4.2762	42.566

#1	.00079	-.00009	7.5188	.00001	.02209	.77936	.00304	.01654
#2	.00080	-.00023	7.5699	-.00014	.02270	.82855	.00323	.03078

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0262	.64252	-.00074	.00134	-.02204	.0351	.02841	.40096
Stddev	.0070	.00263	.00081	.00198	.00114	.0022	.00003	1.0286
%RSD	.23285	.40871	109.37	148.19	5.1721	6.277	.11714	256.54

#1	3.0213	.64066	-.00017	-.00006	-.02123	.0336	.02844	1.1283
#2	3.0312	.64437	-.00132	.00274	-.02285	.0367	.02839	-.32638

Sample Name: J5078-02 Acquired: 9/27/2018 14:06:52 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .96627
 Stddev .83330
 %RSD 86.239

#1 .37704
 #2 1.5555

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2032.3	37683.	3984.0	96.145	3402.3
Stddev	6.3	80.	1.1	1.677	.2
%RSD	.30997	.21354	.02686	1.7440	.00583

#1	2027.8	37626.	3983.2	97.330	3402.4
#2	2036.7	37739.	3984.8	94.959	3402.2

Sample Name: J5078-02DUP Acquired: 9/27/2018 14:10:56 Type: Unk
 Method: P4-ICP2(v2462) 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	.00181	.00007	-.00128	.00465	.00062	.03503	.04853	-.00002
Stddev	.00297	.00044	.00032	.00204	.00098	.00945	.00129	.00003
%RSD	164.58	620.87	24.979	43.993	157.06	26.973	2.6547	124.70

#1	-.00030	-.00024	-.00106	.00320	.00131	.04172	.04944	-.00000
#2	.00391	.00038	-.00151	.00609	-.00007	.02835	.04762	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	5.9548	.00242	.00007	-.00046	.08318	.04292	1.4818
Stddev	.00001	.0202	.00033	.00005	.00021	.01212	.00006	.0104
%RSD	8.7599	.33976	13.517	75.726	44.846	14.575	.14887	.70096

#1	-.00011	5.9692	.00219	.00003	-.00061	.07460	.04296	1.4891
#2	-.00013	5.9405	.00265	.00011	-.00032	.09175	.04287	1.4745

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00093	-.00015	8.2847	-.00007	.02236	.83687	.00320	.02990
Stddev	.00047	.00022	.1307	.00005	.00002	.01052	.00020	.00161
%RSD	50.643	150.88	1.5776	64.704	.11143	1.2569	6.1545	5.3996

#1	.00127	-.00031	8.3771	-.00011	.02237	.84430	.00306	.02876
#2	.00060	.00001	8.1923	-.00004	.02234	.82943	.00334	.03104

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0355	.63457	-.00028	.00111	-.02171	.0320	.02885	2.2672
Stddev	.0124	.00240	.00067	.00039	.01260	.0016	.00016	1.1765
%RSD	.40679	.37798	241.93	35.303	58.051	5.116	.56312	51.892

#1	3.0442	.63287	.00020	.00138	-.03062	.0309	.02873	3.0992
#2	3.0267	.63627	-.00075	.00083	-.01280	.0332	.02896	1.4353

Sample Name: J5078-02DUP Acquired: 9/27/2018 14:10:56 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.1832
Stddev .2004
%RSD 16.932

#1 1.3249
#2 1.0416

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2012.2	37220.	4019.1	96.992	3372.1
Stddev	9.1	225.	34.3	.025	18.4
%RSD	.45177	.60377	.85231	.02620	.54573

#1	2005.8	37061.	3994.9	96.974	3359.1
#2	2018.7	37378.	4043.3	97.010	3385.2

Sample Name: J5078-02LX5 Acquired: 9/27/2018 14:15:00 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00041	.00002	.00010	.00214	.00024	-.01173	.00960	.00003
Stddev	.00171	.00153	.00054	.00147	.00161	.00894	.00099	.00008
%RSD	421.39	6390.8	548.07	68.801	660.16	76.262	10.306	299.34

#1	.00081	.00111	.00048	.00110	.00138	-.01805	.01030	-.00003
#2	-.00162	-.00106	-.00028	.00318	-.00089	-.00540	.00890	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	1.1903	.00000	.00021	-.00068	.00735	.00870	.33843
Stddev	.00007	.0087	.00088	.00016	.00069	.00013	.00009	.05335
%RSD	696.22	.73426	18087.	76.187	101.90	1.7780	.99801	15.763

#1	-.00006	1.1965	.00063	.00010	-.00116	.00725	.00864	.30070
#2	.00004	1.1842	-.00062	.00033	-.00019	.00744	.00876	.37615

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00030	.00009	.94224	.00037	.00434	.11888	.00053	.00716
Stddev	.00025	.00002	.01507	.00046	.00015	.02156	.00002	.00614
%RSD	81.206	17.741	1.5992	125.00	3.5227	18.132	4.2186	85.729

#1	.00048	.00008	.93158	.00070	.00423	.13412	.00052	.01150
#2	.00013	.00010	.95289	.00004	.00445	.10364	.00055	.00282

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63647	.13846	-.00041	.00210	-.01288	.0082	.00585	1.1614
Stddev	.00455	.00091	.00006	.00006	.00271	.0004	.00004	.3957
%RSD	.71468	.66047	14.686	2.8338	21.023	5.435	.68816	34.070

#1	.63969	.13911	-.00045	.00206	-.01479	.0085	.00588	.88161
#2	.63326	.13781	-.00037	.00215	-.01096	.0079	.00582	1.4412

Sample Name: J5078-02LX5 Acquired: 9/27/2018 14:15:00 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .88055
Stddev .23362
%RSD 26.531

#1 1.0457
#2 .71536

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2062.5	37538.	3951.4	96.606	3434.5
Stddev	.6	46.	25.5	.299	2.1
%RSD	.02883	.12236	.64544	.30997	.06218

#1	2063.0	37571.	3933.4	96.817	3432.9
#2	2062.1	37506.	3969.4	96.394	3436.0

Sample Name: J5078-02MS Acquired: 9/27/2018 14:19:06 Type: Unk
Method: P4-ICP2(v2462) 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	.92955	2.2649	1.1288	2.2367	.91926	2.3610	.28992	.21713	.22550
Stddev	.00382	.0016	.0050	.0096	.00397	.0011	.00102	.00016	.00032
%RSD	.41148	.07195	.44145	.42932	.43223	.04688	.35012	.07578	.14014

#1	.93226	2.2661	1.1253	2.2434	.92207	2.3618	.28921	.21702	.22527
#2	.92685	2.2638	1.1323	2.2299	.91645	2.3602	.29064	.21725	.22572

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.9313	.46146	.22123	.33824	3.4695	.27915	3.7585	.55031	.08018
Stddev	.0006	.00229	.00065	.00050	.0123	.00003	.0118	.00046	.00069
%RSD	.00816	.49608	.29262	.14768	.35389	.01021	.31437	.08331	.85593

#1	6.9317	.46308	.22077	.33859	3.4608	.27917	3.7668	.54999	.08066
#2	6.9309	.45984	.22168	.33789	3.4782	.27913	3.7501	.55064	.07969

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	9.6578	.35293	.23792	12.627	.48475	.38283	3.0292	1.6784	.75295
Stddev	.0736	.00036	.00163	.024	.00155	.00810	.0106	.0050	.00503
%RSD	.76256	.10130	.68424	.18612	.31909	2.1171	.34851	.29629	.66865

#1	9.6057	.35319	.23677	12.611	.48585	.37710	3.0366	1.6749	.74939
#2	9.7099	.35268	.23907	12.644	.48366	.38856	3.0217	1.6819	.75651

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24274	2.1062	6.053	.26052	5.1768	.93663
Stddev	.00141	.0174	.001	.00119	.2700	.31842
%RSD	.58251	.82683	.0235	.45865	5.2147	33.996

#1	.24374	2.0939	6.052	.25967	4.9859	1.1618
#2	.24174	2.1185	6.054	.26136	5.3677	.71147

Sample Name: J5078-02MS Acquired: 9/27/2018 14:19:06 Type: Unk
Method: P4-ICP2(v2462) 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	1995.0	36753.	3927.2	97.293	3299.1
Stddev	9.8	17.	25.1	.222	11.4
%RSD	.48906	.04698	.63789	.22865	.34576
#1	1988.1	36765.	3944.9	97.450	3291.0
#2	2001.9	36740.	3909.5	97.135	3307.2

Sample Name: J5078-02MSD Acquired: 9/27/2018 14:22:58 Type: Unk
Method: P4-ICP2(v2462) 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	.92367	2.2740	1.1271	2.2184	.91840	2.3161	.28758	.21610	.22516
Stddev	.00160	.0027	.0043	.0117	.00609	.0182	.00026	.00000	.00032
%RSD	.17356	.12043	.38193	.52823	.66292	.78467	.08990	.00115	.14422

#1	.92481	2.2720	1.1241	2.2267	.92270	2.3033	.28739	.21610	.22539
#2	.92254	2.2759	1.1302	2.2101	.91409	2.3290	.28776	.21611	.22493

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8612	.46154	.21975	.34007	3.4668	.27723	3.7810	.54729	.07950
Stddev	.0971	.00165	.00025	.00206	.0064	.00011	.0110	.00011	.00056
%RSD	1.4158	.35760	.11347	.60640	.18508	.04053	.28966	.02021	.70883

#1	6.9299	.46038	.21992	.34153	3.4713	.27716	3.7887	.54737	.07910
#2	6.7925	.46271	.21957	.33862	3.4622	.27731	3.7732	.54721	.07990

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	9.6690	.34827	.23999	12.480	.48429	.39444	3.0090	1.6641	.74820
Stddev	.0168	.00186	.00214	.019	.00313	.01495	.0026	.0008	.00036
%RSD	.17366	.53284	.89344	.15080	.64733	3.7896	.08696	.04685	.04797

#1	9.6808	.34958	.23847	12.494	.48651	.38387	3.0109	1.6635	.74795
#2	9.6571	.34696	.24150	12.467	.48208	.40501	3.0072	1.6647	.74845

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23702	2.0881	6.019	.26140	3.0074	1.8073
Stddev	.00121	.0156	.005	.00081	.2505	.5005
%RSD	.50872	.74589	.0773	.31129	8.3296	27.693

#1	.23617	2.0991	6.022	.26197	3.1846	2.1612
#2	.23788	2.0771	6.016	.26082	2.8303	1.4534

Sample Name: J5078-02MSD Acquired: 9/27/2018 14:22:58 Type: Unk
Method: P4-ICP2(v2462) 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	1999.1	37105.	3936.4	96.820	3316.5
Stddev	23.2	162.	29.4	.110	23.1
%RSD	1.1605	.43708	.74679	.11347	.69525
#1	1982.7	36990.	3915.6	96.898	3300.2
#2	2015.5	37219.	3957.2	96.743	3332.8

Sample Name: J5078-02A Acquired: 9/27/2018 14:26:50 Type: Unk
Method: P4-ICP2(v2462) 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	.92644	2.2866	1.1291	2.2224	.92000	2.3078	.28383	.21553	.22562
Stddev	.00653	.0061	.0012	.0058	.00441	.0117	.00096	.00034	.00041
%RSD	.70500	.26550	.10351	.26085	.47924	.50686	.33673	.15725	.18350

#1	.93106	2.2909	1.1283	2.2183	.92312	2.3161	.28451	.21577	.22591
#2	.92182	2.2823	1.1300	2.2265	.91688	2.2995	.28316	.21529	.22533

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.9006	.46286	.22098	.33907	3.4354	.27630	3.6844	.54852	.08062
Stddev	.0033	.00161	.00025	.00217	.0414	.00042	.0258	.00012	.00022
%RSD	.04820	.34716	.11492	.63866	1.2051	.15371	.70104	.02276	.27268

#1	6.9029	.46172	.22080	.34060	3.4646	.27660	3.6661	.54861	.08046
#2	6.8982	.46399	.22116	.33754	3.4061	.27600	3.7027	.54844	.08077

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	9.5827	.35107	.23671	12.480	.48510	.37709	3.0243	1.6952	.74894
Stddev	.0316	.00179	.00096	.040	.00112	.00521	.0084	.0008	.00208
%RSD	.32922	.51047	.40701	.32362	.23040	1.3820	.27638	.04872	.27795

#1	9.5604	.35234	.23740	12.509	.48431	.38078	3.0302	1.6946	.74747
#2	9.6050	.34980	.23603	12.452	.48589	.37341	3.0184	1.6958	.75041

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24076	2.1012	6.041	.25978	1.8261	1.6124
Stddev	.00217	.0104	.011	.00143	.9991	.1655
%RSD	.90114	.49635	.1771	.54936	54.713	10.264

#1	.24230	2.1086	6.048	.25877	1.1196	1.7294
#2	.23923	2.0939	6.033	.26079	2.5326	1.4954

Sample Name: J5078-02A Acquired: 9/27/2018 14:26:50 Type: Unk
Method: P4-ICP2(v2462) 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	2001.1	37203.	3963.4	98.108	3314.6
Stddev	12.1	94.	3.2	.613	18.0
%RSD	.60320	.25358	.08188	.62504	.54237
#1	1992.5	37137.	3965.7	97.674	3301.9
#2	2009.6	37270.	3961.1	98.542	3327.3

Sample Name: PB113236BL Acquired: 9/27/2018 14:30:42 Type: Unk
Method: P4-ICP2(v2462) 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	.00158	-.00166	-.00026	.00420	.00182	-.01196	.00003
Stddev	.00104	.00029	.00091	.00016	.00101	.01092	.00037
%RSD	66.036	17.315	344.90	3.9017	55.593	91.252	1343.9

#1	.00084	-.00145	.00038	.00432	.00110	-.00424	-.00023
#2	.00232	-.00186	-.00091	.00408	.00253	-.01968	.00029

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00007	.01255	.00011	.00036	-.00053	-.00467
Stddev	.00005	.00002	.00415	.00106	.00012	.00010	.00192
%RSD	170.30	35.543	33.086	940.76	34.697	18.826	41.178

#1	-.00006	-.00008	.01548	-.00064	.00027	-.00046	-.00331
#2	.00001	-.00005	.00961	.00087	.00045	-.00060	-.00603

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.02281	-.00084	-.00044	-.35258	.00003	-.00018
Stddev	.00001	.02384	.00003	.00008	.01541	.00080	.00012
%RSD	28.709	104.51	3.0896	18.821	4.3716	2326.7	65.555

#1	-.00002	.00595	-.00082	-.00049	-.36348	-.00053	-.00027
#2	-.00003	.03967	-.00086	-.00038	-.34168	.00060	-.00010

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10659	-.00019	.00349	-.00675	-.00501	.00057	.00076
Stddev	.00796	.00002	.00191	.00092	.00009	.00007	.00057
%RSD	7.4666	8.6319	54.741	13.568	1.7568	12.374	74.500

#1	-.10096	-.00018	.00214	-.00740	-.00495	.00052	.00036
#2	-.11221	-.00021	.00485	-.00610	-.00507	.00062	.00116

Sample Name: PB113236BL Acquired: 9/27/2018 14:30:42 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01112	-.0010	-.00007	F 1.4253	F 1.2904
Stddev	.01279	.0025	.00013	.9322	.1572
%RSD	115.05	239.9	189.89	65.403	12.179

#1	-.02017	-.0028	-.00016	2.0845	1.4015
#2	-.00207	.0007	.00002	.76614	1.1793

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2090.9	37853.	3926.6	94.526	3495.7
Stddev	12.5	191.	11.5	.005	15.2
%RSD	.59883	.50468	.29386	.00510	.43382

#1	2082.1	37718.	3934.8	94.530	3485.0
#2	2099.8	37988.	3918.5	94.523	3506.4

Sample Name: PB113236BS Acquired: 9/27/2018 14:34:46 Type: Unk
Method: P4-ICP2(v2462) 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	.79683	1.9506	.97308	1.8927	.80894	1.9940	.20720
Stddev	.00111	.0088	.00173	.0046	.00167	.0164	.00061
%RSD	.13908	.45262	.17731	.24077	.20588	.82299	.29280

#1	.79761	1.9568	.97186	1.8959	.81011	1.9824	.20677
#2	.79605	1.9443	.97430	1.8895	.80776	2.0056	.20763

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18468	.19507	1.0763	.40300	.19103	.29279	2.9750
Stddev	.00017	.00014	.0149	.00403	.00023	.00019	.0563
%RSD	.08970	.07036	1.3877	.99909	.12113	.06511	1.8924

#1	.18479	.19517	1.0657	.40015	.19087	.29265	3.0149
#2	.18456	.19498	1.0869	.40585	.19119	.29292	2.9352

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20721	1.9878	.47369	.06927	2.7298	.30500	.19701
Stddev	.00025	.0424	.00013	.00079	.0066	.00220	.00371
%RSD	.12284	2.1330	.02840	1.1421	.24306	.72245	1.8842

#1	.20703	1.9578	.47378	.06983	2.7345	.30345	.19964
#2	.20739	2.0178	.47359	.06872	2.7251	.30656	.19439

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.114	.42734	.30900	F -.00576	.89521	.65463	.21411
Stddev	.023	.00023	.00383	.00503	.00695	.00062	.00075
%RSD	.23123	.05448	1.2380	87.308	.77621	.09456	.35004

#1	10.098	.42751	.31171	-.00932	.90012	.65419	.21358
#2	10.131	.42718	.30630	-.00220	.89030	.65506	.21464

Sample Name: PB113236BS Acquired: 9/27/2018 14:34:46 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 1.8176	5.082	.20469	F 3.6238	F 1.6359
Stddev	.0098	.004	.00068	.2665	.2727
%RSD	.54135	.0750	.33455	7.3550	16.670

#1	1.8107	5.085	.20420	3.8123	1.8287
#2	1.8246	5.080	.20517	3.4354	1.4430

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1994.7	36837.	3872.5	95.315	3331.1
Stddev	8.4	58.	1.2	2.103	12.7
%RSD	.42242	.15701	.02988	2.2065	.38191

#1	1988.7	36796.	3873.3	93.828	3322.1
#2	2000.7	36878.	3871.6	96.802	3340.1

Sample Name: PB113236TB Acquired: 9/27/2018 14:38:37 Type: Unk
Method: P4-ICP2(v2462) 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	-.00382	-.00285	.00042	.00323	.00228	-.00632	-.00087
Stddev	.00051	.00044	.00061	.00374	.00064	.00101	.00131
%RSD	13.282	15.585	145.35	115.60	27.970	15.937	150.84

#1	-.00346	-.00317	-.00001	.00059	.00273	-.00703	-.00179
#2	-.00418	-.00254	.00085	.00588	.00183	-.00560	.00006

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00011	.05280	.00103	-.00015	-.00115	.01433
Stddev	.00008	.00003	.01886	.00011	.00022	.00018	.01075
%RSD	423.73	22.839	35.728	10.194	147.30	15.273	75.047

#1	.00004	-.00013	.03946	.00096	-.00031	-.00128	.00672
#2	-.00008	-.00009	.06613	.00110	.00001	-.00103	.02193

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	-.03742	-.00008	.00032	F 305.80	-.00012	.00737
Stddev	.00004	.02732	.00023	.00022	.01	.00057	.00003
%RSD	24.440	73.019	311.57	69.083	.00302	462.80	.40563

#1	.00020	-.05674	.00009	.00016	305.81	.00028	.00740
#2	.00014	-.01810	-.00024	.00047	305.79	-.00052	.00735

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03042	-.00010	.00318	-.00048	.00724	.00361	.00151
Stddev	.00808	.00011	.00479	.00266	.00003	.00047	.00017
%RSD	26.554	107.17	150.84	554.17	.36859	12.999	11.244

#1	-.02471	-.00018	.00656	-.00236	.00726	.00328	.00139
#2	-.03614	-.00002	-.00021	.00140	.00722	.00394	.00163

Sample Name: PB113236TB Acquired: 9/27/2018 14:38:37 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.02458	.0002	.00011	F 7.9580	F 2.6215
Stddev	.00591	.0003	.00003	.0571	.0224
%RSD	24.038	151.3	23.675	.71702	.85457

#1	-.02875	.0004	.00013	7.9177	2.6373
#2	-.02040	-.0000	.00009	7.9984	2.6057

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1927.4	34845.	3894.9	92.262	3002.8
Stddev	1.7	251.	8.6	.706	6.7
%RSD	.08690	.72123	.22050	.76525	.22291

#1	1926.2	34667.	3888.8	91.763	2998.0
#2	1928.6	35022.	3901.0	92.761	3007.5

Sample Name: CCV03 Acquired: 9/27/2018 14:42:46 Type: Unk
Method: P4-ICP2(v2462) 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	5.1440	5.1428	5.1281	5.1569	5.2013	10.394	10.179	.25756	2.5873
Stddev	.0062	.0129	.0087	.0358	.0061	.009	.041	.00022	.0021
%RSD	.11947	.25167	.17033	.69350	.11760	.08208	.40398	.08629	.08021
#1	5.1483	5.1337	5.1343	5.1822	5.1970	10.400	10.208	.25772	2.5888
#2	5.1396	5.1520	5.1220	5.1316	5.2056	10.388	10.150	.25741	2.5859
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.909	1.0324	2.5622	1.2807	5.2049	2.5890	25.879	2.5605	1.2768
Stddev	.089	.0021	.0039	.0000	.0704	.0007	.059	.0048	.0058
%RSD	.34432	.20490	.15295	.00010	1.3520	.02851	.22751	.18823	.45318
#1	25.972	1.0309	2.5650	1.2807	5.1551	2.5885	25.921	2.5639	1.2809
#2	25.846	1.0339	2.5595	1.2807	5.2547	2.5896	25.838	2.5571	1.2727
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	25.377	2.5707	2.6203	25.782	5.1889	5.1821	5.0696	5.0551	5.0586
Stddev	.080	.0004	.0063	.021	.0073	.0122	.0072	.0001	.0165
%RSD	.31487	.01432	.23980	.08334	.14083	.23470	.14259	.00289	.32694
#1	25.434	2.5709	2.6159	25.767	5.1941	5.1907	5.0747	5.0552	5.0469
#2	25.321	2.5704	2.6248	25.797	5.1838	5.1735	5.0645	5.0550	5.0703
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	5.2425	4.7519	5.189	5.2306	4.7178	4.5332			
Stddev	.0029	.0134	.010	.0052	1.4839	.0447			
%RSD	.05452	.28216	.1914	.09864	31.453	.98558			
#1	5.2445	4.7614	5.196	5.2342	3.6685	4.5648			
#2	5.2404	4.7424	5.182	5.2269	5.7670	4.5016			

Sample Name: CCV03 Acquired: 9/27/2018 14:42:46 Type: Unk
Method: P4-ICP2(v2462) 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	2031.2	36658.	3957.0	93.129	3131.9
Stddev	2.9	.	5.5	.183	5.1
%RSD	.14511	.00109	.13786	.19605	.16163
#1	2029.1	36658.	3960.8	93.258	3128.3
#2	2033.3	36658.	3953.1	92.999	3135.5

Sample Name: CCB03 Acquired: 9/27/2018 14:46:29 Type: Unk
Method: P4-ICP2(v2462) 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	.00391	.00001	.00053	.00173	.00058	-.01369	.00080
Stddev	.00037	.00149	.00080	.00043	.00161	.00856	.00172
%RSD	9.3428	29071.	149.42	24.656	276.84	62.555	214.90

#1	.00417	-.00105	-.00003	.00143	-.00056	-.00763	-.00042
#2	.00365	.00106	.00110	.00203	.00172	-.01974	.00202

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00006	-.00780	.00014	.00016	-.00067	-.00014
Stddev	.00012	.00012	.00892	.00028	.00002	.00007	.00739
%RSD	737.77	205.47	114.32	200.45	10.251	10.061	5345.3

#1	-.00007	-.00014	-.01411	.00034	.00017	-.00071	.00509
#2	.00010	.00003	-.00150	-.00006	.00015	-.00062	-.00536

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.05146	-.00050	.00020	-.34854	.00027	-.00020
Stddev	.00001	.00383	.00024	.00017	.00955	.00011	.00009
%RSD	35.279	7.4440	47.511	83.339	2.7407	42.861	42.782

#1	.00001	-.05417	-.00066	.00008	-.35529	.00035	-.00014
#2	.00002	-.04876	-.00033	.00032	-.34178	.00019	-.00027

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07564	.00036	.01177	-.00120	.00129	-.00000	.00148
Stddev	.01796	.00026	.00483	.00116	.00453	.00006	.00079
%RSD	23.744	72.978	41.042	97.419	351.01	1319.5	53.095

#1	-.08834	.00054	.01518	-.00037	.00449	.00004	.00204
#2	-.06294	.00017	.00835	-.00202	-.00191	-.00005	.00093

Sample Name: CCB03 Acquired: 9/27/2018 14:46:29 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01959	-.0005	.00000	F<.00000	F .80919
Stddev	.00502	.0002	.00016	.88376	.45527
%RSD	25.651	38.31	10368.	1073.2	56.262

#1	-.01603	-.0004	.00011	.54256	1.1311
#2	-.02314	-.0007	-.00011	-.70726	.48727

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2091.0	37989.	3987.4	98.669	3487.8
Stddev	2.9	96.	31.0	2.532	7.3
%RSD	.13904	.25240	.77698	2.5658	.20979

#1	2093.1	37921.	4009.3	100.46	3493.0
#2	2089.0	38057.	3965.5	96.879	3482.6

Sample Name: J5081-12 Acquired: 9/27/2018 14:50:32 Type: Unk
Method: P4-ICP2(v2462) 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	.00028	-.00245	.00249	.00419	.00152	.18377	.13297	-.00003
Stddev	.00062	.00035	.00052	.00013	.00128	.01255	.00017	.00009
%RSD	218.89	14.361	20.831	3.1722	84.406	6.8265	.13021	272.06

#1	.00072	-.00270	.00212	.00409	.00243	.19264	.13285	-.00009
#2	-.00015	-.00220	.00285	.00428	.00061	.17490	.13309	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	4.7452	.00147	.00006	.00342	.18678	.01851	.47197
Stddev	.00017	.0294	.00076	.00010	.00025	.01239	.00005	.02857
%RSD	405.28	.61893	51.735	155.71	7.2817	6.6319	.28301	6.0543

#1	.00008	4.7245	.00201	.00013	.00324	.17802	.01854	.49218
#2	-.00016	4.7660	.00093	-.00001	.00360	.19553	.01847	.45177

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	-.00030	322.60	.00028	.02905	.40082	.00033	.01041
Stddev	.00005	.00012	1.73	.00017	.00123	.01475	.00014	.00259
%RSD	37.283	40.787	.53599	59.462	4.2186	3.6792	42.152	24.889

#1	-.00015	-.00039	321.38	.00016	.02818	.41125	.00043	.01225
#2	-.00009	-.00021	323.82	.00040	.02991	.39040	.00023	.00858

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33124	.52673	.00375	.00776	-.00997	.0196	.03474	7.2163
Stddev	.00590	.01131	.00127	.00003	.00687	.0049	.00014	.7373
%RSD	1.7825	2.1474	33.844	.37926	68.884	24.82	.40512	10.217

#1	.33541	.51873	.00465	.00778	-.01483	.0161	.03484	7.7376
#2	.32706	.53473	.00285	.00774	-.00512	.0230	.03464	6.6949

Sample Name: J5081-12 Acquired: 9/27/2018 14:50:32 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.5433
Stddev .4248
%RSD 16.701

#1 2.2430
#2 2.8437

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1944.1	35049.	3950.3	94.799	3013.0
Stddev	17.5	200.	38.9	2.639	27.5
%RSD	.90203	.57094	.98507	2.7836	.91152

#1	1931.7	34908.	3977.8	96.665	2993.6
#2	1956.5	35191.	3922.8	92.933	3032.5

Sample Name: J5081-12DUP Acquired: 9/27/2018 14:54:41 Type: Unk
Method: P4-ICP2(v2462) 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	-.00087	-.00213	.00285	.00409	.00077	.19532	.13068	.00004
Stddev	.00133	.00032	.00150	.00097	.00021	.00397	.00147	.00004
%RSD	153.90	15.187	52.501	23.607	27.167	2.0313	1.1277	102.92

#1	.00008	-.00236	.00391	.00477	.00092	.19252	.12964	.00007
#2	-.00181	-.00191	.00179	.00341	.00062	.19813	.13173	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	4.6416	.00110	-.00012	.00309	.17999	.01835	.46401
Stddev	.00002	.0139	.00010	.00020	.00024	.01043	.00031	.08368
%RSD	51.723	.29984	8.7154	160.55	7.6554	5.7941	1.6780	18.035

#1	-.00004	4.6515	.00103	-.00026	.00326	.17261	.01813	.40484
#2	-.00002	4.6318	.00117	.00002	.00293	.18736	.01856	.52318

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	.00019	313.98	.00025	.02859	.38437	.00018	.01529
Stddev	.00012	.00000	1.38	.00021	.00012	.00408	.00004	.00996
%RSD	68.399	.72454	.43881	83.069	.41767	1.0627	24.994	65.098

#1	-.00027	.00020	313.00	.00040	.02851	.38148	.00015	.00825
#2	-.00009	.00019	314.95	.00010	.02868	.38726	.00021	.02233

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32401	.52127	.00344	.00694	-.00154	.0205	.03424	5.0965
Stddev	.00371	.00613	.00087	.00341	.00771	.0008	.00001	.0198
%RSD	1.1451	1.1751	25.323	49.074	501.26	3.674	.02787	.38875

#1	.32663	.51694	.00283	.00453	-.00699	.0210	.03424	5.0825
#2	.32138	.52560	.00406	.00935	.00391	.0200	.03423	5.1105

Sample Name: J5081-12DUP Acquired: 9/27/2018 14:54:41 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.0785
Stddev	.2304
%RSD	7.4858

#1	2.9155
#2	3.2414

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1961.6	35597.	4011.1	96.376	3045.4
Stddev	13.5	109.	13.0	.035	20.2
%RSD	.68683	.30639	.32397	.03668	.66218

#1	1952.0	35520.	4020.3	96.351	3031.2
#2	1971.1	35674.	4001.9	96.401	3059.7

Sample Name: J5081-12LX5 Acquired: 9/27/2018 14:58:49 Type: Unk
Method: P4-ICP2(v2462) 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	-.00140	-.00012	.00057	.00172	-.00034	.02799	.02687	.00001
Stddev	.00219	.00091	.00028	.00121	.00035	.00986	.00018	.00008
%RSD	155.97	738.92	48.101	70.747	102.64	35.229	.65713	675.18

#1	.00014	.00052	.00038	.00086	-.00059	.02102	.02675	.00007
#2	-.00295	-.00076	.00077	.00258	-.00009	.03496	.02699	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.94227	.00027	.00001	-.00017	.03962	.00369	.07856
Stddev	.00007	.02306	.00078	.00006	.00076	.00178	.00002	.00005
%RSD	138.38	2.4474	288.76	593.70	437.21	4.4852	.61139	.06019

#1	-.00010	.92596	-.00028	-.00003	.00037	.04088	.00368	.07860
#2	-.00000	.95858	.00082	.00006	-.00072	.03836	.00371	.07853

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	.00004	63.349	.00023	.00566	.01678	.00006	.01363
Stddev	.00011	.00007	.032	.00038	.00022	.04712	.00041	.00782
%RSD	35.309	158.96	.05001	163.52	3.9387	280.89	694.46	57.394

#1	-.00038	.00009	63.371	-.00004	.00550	-.01655	-.00023	.01916
#2	-.00023	-.00001	63.326	.00050	.00582	.05010	.00035	.00810

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06000	.11046	.00119	.00107	-.00356	.0042	.00688	3.4077
Stddev	.00044	.00480	.00067	.00023	.01132	.0039	.00001	.7943
%RSD	.73974	4.3442	56.749	21.787	318.50	92.69	.07496	23.308

#1	.06032	.10707	.00167	.00124	.00445	.0015	.00689	3.9693
#2	.05969	.11385	.00071	.00091	-.01156	.0070	.00688	2.8461

Sample Name: J5081-12LX5 Acquired: 9/27/2018 14:58:49 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.7735
Stddev .2628
%RSD 14.816

#1 1.9593
#2 1.5877

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2047.9	37024.	4002.0	96.382	3277.8
Stddev	6.1	140.	3.3	.738	4.5
%RSD	.29894	.37864	.08217	.76569	.13743

#1	2043.6	36925.	3999.7	96.904	3274.6
#2	2052.2	37123.	4004.3	95.860	3281.0

Sample Name: J5081-12MS Acquired: 9/27/2018 15:02:54 Type: Unk
Method: P4-ICP2(v2462) 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	.91825	2.1331	1.0928	2.2369	.87544	2.3239	.34001	.20494	.22866
Stddev	.01373	.0261	.0181	.0167	.01657	.0047	.00221	.00192	.00274
%RSD	1.4953	1.2216	1.6603	.74540	1.8924	.20174	.64995	.93717	1.1981

#1	.90854	2.1146	1.0800	2.2251	.86372	2.3272	.34158	.20358	.22673
#2	.92796	2.1515	1.1057	2.2487	.88715	2.3206	.33845	.20630	.23060

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6745	.41981	.21698	.31265	3.2924	.22918	2.4799	.53646	.07462
Stddev	.0158	.00327	.00346	.00495	.0207	.00242	.0716	.00746	.00054
%RSD	.27873	.77931	1.5933	1.5827	.62814	1.0561	2.8875	1.3910	.71984

#1	5.6633	.41750	.21453	.30915	3.2778	.22747	2.5305	.53118	.07500
#2	5.6857	.42212	.21942	.31615	3.3070	.23090	2.4292	.54174	.07424

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	313.26	.32048	.23719	11.294	.44813	.33478	.31304	1.4257	.74052
Stddev	3.68	.00165	.00500	.080	.00724	.00586	.00493	.0096	.01367
%RSD	1.1761	.51466	2.1063	.71216	1.6156	1.7507	1.5755	.67338	1.8454

#1	315.87	.31932	.23365	11.351	.44301	.33063	.31653	1.4325	.73086
#2	310.66	.32165	.24072	11.237	.45325	.33892	.30955	1.4189	.75018

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21971	1.9241	6.424	.23926	5.5704	3.7521
Stddev	.00140	.0103	.090	.00237	.2671	.0516
%RSD	.63563	.53749	1.407	.99178	4.7949	1.3761

#1	.22070	1.9168	6.360	.24094	5.3815	3.7886
#2	.21872	1.9314	6.488	.23759	5.7592	3.7156

Sample Name: J5081-12MS Acquired: 9/27/2018 15:02:54 Type: Unk
Method: P4-ICP2(v2462) 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	1969.6	35941.	3996.2	95.814	3024.8
Stddev	10.6	118.	55.2	.430	14.6
%RSD	.53725	.32697	1.3826	.44865	.48423
#1	1962.1	35858.	3957.1	96.118	3014.5
#2	1977.1	36024.	4035.2	95.510	3035.2

Sample Name: J5081-12MSD Acquired: 9/27/2018 15:06:52 Type: Unk
Method: P4-ICP2(v2462) 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	.95147	2.1944	1.1286	2.3170	.90729	2.4652	.35626	.21970	.23451
Stddev	.00457	.0062	.0005	.0056	.00250	.0185	.00041	.00064	.00039
%RSD	.47987	.28435	.04032	.24078	.27521	.75065	.11373	.29001	.16507

#1	.94824	2.1900	1.1282	2.3130	.90553	2.4783	.35598	.22015	.23479
#2	.95470	2.1988	1.1289	2.3209	.90906	2.4521	.35655	.21925	.23424

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.7669	.44872	.22328	.32332	3.5743	.24330	2.6447	.55168	.07946
Stddev	.0180	.00217	.00029	.00024	.0093	.00053	.0411	.00089	.00075
%RSD	.31274	.48269	.12931	.07399	.25949	.21652	1.5536	.16094	.94072

#1	5.7796	.45025	.22348	.32315	3.5808	.24367	2.6156	.55231	.07999
#2	5.7541	.44719	.22307	.32349	3.5677	.24293	2.6737	.55105	.07893

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	315.95	.34216	.24687	12.081	.46493	.35120	.30556	1.5184	.76488
Stddev	2.69	.00189	.00232	.008	.00093	.00324	.00011	.0140	.00639
%RSD	.85069	.55184	.93823	.06919	.20065	.92143	.03511	.92246	.83485

#1	317.85	.34349	.24523	12.075	.46427	.35348	.30548	1.5283	.76037
#2	314.05	.34082	.24851	12.086	.46558	.34891	.30563	1.5085	.76940

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24112	2.0729	6.610	.25817	4.1521	3.1419
Stddev	.00191	.0190	.001	.00037	.0400	.2882
%RSD	.79123	.91724	.0116	.14407	.96261	9.1716

#1	.23977	2.0595	6.609	.25791	4.1804	2.9381
#2	.24247	2.0864	6.610	.25843	4.1238	3.3456

Sample Name: J5081-12MSD Acquired: 9/27/2018 15:06:52 Type: Unk
Method: P4-ICP2(v2462) 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	1971.3	36182.	3984.0	95.017	3040.1
Stddev	6.0	176.	2.8	.395	14.8
%RSD	.30638	.48698	.07063	.41571	.48607
#1	1967.0	36057.	3982.0	95.296	3029.6
#2	1975.5	36307.	3986.0	94.738	3050.5

Sample Name: J5081-12A Acquired: 9/27/2018 15:10:50 Type: Unk
Method: P4-ICP2(v2462) 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	.94488	2.2062	1.1303	2.3077	.90045	2.4946	.35857	.22076	.23554
Stddev	.00007	.0034	.0014	.0056	.00200	.0320	.00204	.00041	.00009
%RSD	.00696	.15302	.12109	.24440	.22237	1.2810	.56844	.18544	.03719

#1	.94483	2.2038	1.1312	2.3117	.90187	2.5172	.36001	.22047	.23561
#2	.94492	2.2086	1.1293	2.3037	.89904	2.4720	.35713	.22105	.23548

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.7956	.45169	.22360	.32089	3.6439	.24425	2.6339	.55338	.07967
Stddev	.0032	.00237	.00064	.00155	.0451	.00038	.0031	.00334	.00006
%RSD	.05600	.52552	.28713	.48255	1.2387	.15733	.11610	.60343	.06936

#1	5.7979	.45001	.22406	.31980	3.6758	.24398	2.6360	.55574	.07963
#2	5.7933	.45337	.22315	.32199	3.6120	.24452	2.6317	.55102	.07971

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	314.58	.34210	.25083	12.188	.46369	.35353	.30106	1.5184	.76746
Stddev	3.21	.00126	.00409	.009	.00135	.01610	.00404	.0075	.00390
%RSD	1.0201	.36920	1.6291	.07515	.29186	4.5535	1.3417	.49487	.50865

#1	312.31	.34299	.24794	12.195	.46465	.36492	.29820	1.5131	.77022
#2	316.85	.34121	.25372	12.182	.46273	.34215	.30392	1.5237	.76469

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24325	2.0948	6.642	.25809	4.6039	3.1955
Stddev	.00307	.0106	.007	.00052	.3123	.1121
%RSD	1.2637	.50729	.1002	.20041	6.7838	3.5070

#1	.24542	2.1023	6.647	.25772	4.8248	3.1162
#2	.24107	2.0873	6.638	.25845	4.3831	3.2747

Sample Name: J5081-12A Acquired: 9/27/2018 15:10:50 Type: Unk
Method: P4-ICP2(v2462) 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	1987.7	36153.	3999.4	94.244	3054.1
Stddev	3.4	81.	45.0	1.000	7.8
%RSD	.16943	.22496	1.1262	1.0611	.25572
#1	1985.3	36096.	4031.2	94.951	3048.6
#2	1990.1	36211.	3967.5	93.537	3059.7

Sample Name: PB113277BL Acquired: 9/27/2018 15:14:48 Type: Unk
Method: P4-ICP2(v2462) 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	.00087	-.00036	-.00024	.00193	.00221	-.02447	.00033	-.00004
Stddev	.00341	.00150	.00031	.00149	.00074	.00351	.00022	.00000
%RSD	390.73	415.04	130.42	76.918	33.335	14.323	68.314	1.6127
#1	-.00154	-.00142	-.00046	.00298	.00169	-.02199	.00049	-.00004
#2	.00329	.00070	-.00002	.00088	.00273	-.02695	.00017	-.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.02045	.00068	-.00008	-.00061	-.00163	.00004	-.01949
Stddev	.00002	.00003	.00007	.00028	.00005	.00779	.00002	.07981
%RSD	21.542	.14128	10.869	367.04	7.9971	479.04	44.063	409.51
#1	-.00006	.02043	.00073	-.00028	-.00057	.00388	.00005	-.07592
#2	-.00008	.02047	.00063	.00012	-.00064	-.00713	.00003	.03694
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00031	-.24329	-.00030	-.00028	-.08499	.00011	-.00515
Stddev	.00013	.00024	.01895	.00014	.00009	.00125	.00008	.01159
%RSD	391.14	78.480	7.7904	45.665	30.440	1.4670	72.773	225.13
#1	-.00006	-.00014	-.25669	-.00020	-.00022	-.08410	.00016	.00305
#2	.00013	-.00048	-.22988	-.00039	-.00034	-.08587	.00005	-.01334
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00548	-.00231	-.00057	.00107	.00104	-.0012	-.00005	F .04006
Stddev	.00177	.00253	.00004	.00088	.00622	.0009	.00004	.41427
%RSD	32.232	109.75	7.3504	82.501	598.36	76.05	76.644	1034.1
#1	-.00423	-.00410	-.00060	.00169	-.00336	-.0006	-.00002	.33299
#2	-.00673	-.00052	-.00054	.00045	.00544	-.0019	-.00008	-.25287

Sample Name: PB113277BL Acquired: 9/27/2018 15:14:48 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .92956
Stddev .04350
%RSD 4.6798

#1 .96032
#2 .89880

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2102.7	38554.	4006.7	97.427	3515.5
Stddev	5.3	105.	23.5	.649	8.9
%RSD	.25300	.27136	.58712	.66640	.25436

#1	2099.0	38480.	3990.0	97.886	3509.2
#2	2106.5	38628.	4023.3	96.967	3521.9

Sample Name: PB113277BS Acquired: 9/27/2018 15:18:52 Type: Unk
Method: P4-ICP2(v2462) 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	.83325	2.0659	1.0186	1.9935	.84208	2.0522	.20977
Stddev	.00405	.0035	.0044	.0006	.00147	.0011	.00044
%RSD	.48618	.16763	.43393	.02894	.17458	.05373	.20741

#1	.83038	2.0635	1.0155	1.9931	.84105	2.0514	.21008
#2	.83611	2.0684	1.0217	1.9939	.84312	2.0530	.20946

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19240	.20440	1.0913	.41753	.19915	.30675	3.1482
Stddev	.00002	.00087	.0048	.00332	.00028	.00164	.0452
%RSD	.00897	.42376	.43694	.79486	.14132	.53625	1.4360

#1	.19241	.20379	1.0880	.41519	.19895	.30559	3.1801
#2	.19239	.20502	1.0947	.41988	.19934	.30792	3.1162

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21282	2.0963	.49565	.07204	2.8507	.31358	.20983
Stddev	.00042	.0431	.00000	.00048	.0245	.00153	.00457
%RSD	.19688	2.0555	.00076	.66746	.85818	.48648	2.1756

#1	.21311	2.1267	.49566	.07170	2.8334	.31466	.21306
#2	.21252	2.0658	.49565	.07238	2.8680	.31250	.20660

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.417	.43962	.31177	F -.00844	.93278	.68097	.21719
Stddev	.077	.00058	.00624	.00254	.01702	.00077	.00416
%RSD	.73757	.13268	2.0015	30.143	1.8247	.11238	1.9158

#1	10.363	.43921	.31619	-.00664	.94482	.68151	.21425
#2	10.472	.44004	.30736	-.01023	.92075	.68042	.22013

Sample Name: PB113277BS Acquired: 9/27/2018 15:18:52 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 1.8966	5.379	.21153	F 2.7807	F 1.3522
Stddev	.0026	.013	.00128	.5727	.0247
%RSD	.13788	.2433	.60521	20.596	1.8277

#1	1.8984	5.370	.21063	2.3757	1.3348
#2	1.8947	5.389	.21244	3.1856	1.3697

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2030.7	37643.	3938.7	95.684	3371.9
Stddev	8.1	28.	33.3	2.373	18.5
%RSD	.39934	.07508	.84575	2.4796	.54985

#1	2025.0	37623.	3915.1	94.007	3358.8
#2	2036.4	37663.	3962.2	97.362	3385.0

Sample Name: J5072-02 Acquired: 9/27/2018 15:22:45 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02653	-.00123	.01970	.00960	.00007	-.01041	.37735	-.00014
Stddev	.00477	.00015	.00068	.00072	.00217	.00189	.00189	.00005
%RSD	17.964	12.417	3.4730	7.5105	2942.6	18.154	.50084	31.547

#1	.02990	-.00134	.01921	.01011	-.00146	-.01175	.37601	-.00011
#2	.02316	-.00112	.02018	.00909	.00161	-.00907	.37868	-.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00199	326.04	-.00088	.00033	.03718	.50206	1.1784	742.99
Stddev	.00010	1.63	.00043	.00023	.00052	.00436	.0013	5.19
%RSD	5.2655	.50124	48.473	69.802	1.3893	.86757	.10717	.69827

#1	.00192	324.88	-.00119	.00017	.03754	.49898	1.1775	739.32
#2	.00206	327.19	-.00058	.00050	.03681	.50514	1.1793	746.66

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00352	.00051	^ *****	.00094	.05902	215.54	.04621	1.9838
Stddev	.00005	.00012	-----	.00037	.00041	.93	.00110	.0398
%RSD	1.5503	24.310	-----	39.358	.68657	.43309	2.3776	2.0050

#1	-.00348	.00042	^ -----	.00068	.05931	214.88	.04699	1.9557
#2	-.00356	.00060	^ -----	.00120	.05873	216.20	.04543	2.0120

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 817.73	2.0183	-.29826	-.00529	1.0451	.7171	6.9002	35.213
Stddev	.54	.0310	.00369	.00260	.0578	.0049	.0557	1.160
%RSD	.06593	1.5354	1.2379	49.079	5.5302	.6838	.80787	3.2948

#1	817.35	1.9964	-.30087	-.00713	1.0043	.7136	6.8608	36.034
#2	818.11	2.0402	-.29565	-.00345	1.0860	.7205	6.9396	34.393

Sample Name: J5072-02 Acquired: 9/27/2018 15:22:45 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MH-9 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	6.5472
Stddev	.9731
%RSD	14.864

#1	5.8591
#2	7.2353

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1523.4	27427.	3531.8	80.986	2032.1
Stddev	8.1	119.	3.4	1.167	5.1
%RSD	.53079	.43511	.09648	1.4413	.25231

#1	1517.7	27343.	3534.2	80.160	2028.5
#2	1529.2	27512.	3529.4	81.811	2035.8

Sample Name: J5072-03 Acquired: 9/27/2018 15:26:56 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08903	-.00063	.02862	.00624	.00150	.65318	.14000	-.00009
Stddev	.00166	.00143	.00132	.00387	.00070	.01443	.00004	.00001
%RSD	1.8667	227.69	4.6010	62.025	46.982	2.2097	.03198	12.047

#1	.08786	-.00164	.02955	.00350	.00200	.64298	.13997	-.00010
#2	.09021	.00038	.02769	.00898	.00100	.66339	.14003	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00069	85.654	.00329	.00118	.02852	8.8876	1.0681	18.898
Stddev	.00000	.098	.00064	.00042	.00047	.1347	.0058	.005
%RSD	.15640	.11391	19.464	35.865	1.6373	1.5158	.54174	.02432

#1	.00069	85.723	.00374	.00148	.02885	8.9829	1.0640	18.901
#2	.00069	85.585	.00283	.00088	.02819	8.7924	1.0722	18.895

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00336	-.00078	79.855	.00371	.11421	10.986	.00768	.23989
Stddev	.00048	.00025	.105	.00036	.00087	.029	.00028	.00167
%RSD	14.314	31.763	.13131	9.6963	.75996	.26284	3.6828	.69815

#1	.00370	-.00061	79.929	.00346	.11483	10.966	.00748	.23871
#2	.00302	-.00096	79.780	.00396	.11360	11.006	.00788	.24108

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6543	15.722	.00268	.03265	.13581	1.290	.54658	6.7443
Stddev	.0327	.058	.00103	.00475	.00855	.004	.00093	.1491
%RSD	.70351	.36722	38.325	14.534	6.2991	.3435	.16978	2.2112

#1	4.6775	15.763	.00340	.03601	.12976	1.287	.54724	6.6389
#2	4.6312	15.681	.00195	.02929	.14186	1.293	.54592	6.8498

Sample Name: J5072-03 Acquired: 9/27/2018 15:26:56 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-8 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.5362
Stddev .1543
%RSD 2.7875

#1 5.4270
#2 5.6453

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1990.3	37097.	4114.4	96.817	3135.2
Stddev	11.5	52.	33.7	1.261	17.4
%RSD	.57879	.13907	.81825	1.3026	.55466

#1	1982.2	37133.	4090.6	95.926	3122.9
#2	1998.4	37060.	4138.2	97.709	3147.5

Sample Name: CCV04 Acquired: 9/27/2018 15:34:37 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13900 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0494	5.0547	4.9940	5.0821	5.1616	10.235	9.9469	.24565
Stddev	.0119	.0180	.0107	.0026	.0026	.020	.0355	.00109
%RSD	.23508	.35592	.21355	.05047	.04999	.19060	.35711	.44308
#1	5.0410	5.0675	4.9865	5.0839	5.1597	10.221	9.9217	.24488
#2	5.0578	5.0420	5.0016	5.0803	5.1634	10.248	9.9720	.24642
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5247	24.866	.98841	2.5057	1.2623	5.1204	2.4895	24.806
Stddev	.0027	.085	.00191	.0025	.0013	.0457	.0072	.081
%RSD	.10700	.34288	.19357	.09874	.10273	.89197	.29063	.32826
#1	2.5228	24.806	.98705	2.5040	1.2614	5.1527	2.4844	24.748
#2	2.5266	24.927	.98976	2.5075	1.2632	5.0881	2.4946	24.864
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4980	1.2335	24.651	2.4742	2.5199	25.318	5.1052	5.1427
Stddev	.0048	.0039	.071	.0079	.0096	.081	.0079	.0127
%RSD	.19304	.31281	.28967	.31759	.38248	.32172	.15424	.24782
#1	2.4946	1.2307	24.600	2.4687	2.5268	25.260	5.0996	5.1517
#2	2.5014	1.2362	24.701	2.4798	2.5131	25.376	5.1108	5.1337
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0082	4.8351	4.9189	5.1073	4.6929	5.096	5.1772	F 3.9212
Stddev	.0073	.0005	.0001	.0120	.0033	.007	.0098	.1838
%RSD	.14677	.00984	.00241	.23538	.07050	.1316	.18868	4.6859
#1	5.0030	4.8354	4.9188	5.0988	4.6953	5.091	5.1841	4.0512
#2	5.0134	4.8347	4.9190	5.1158	4.6906	5.101	5.1703	3.7913

Sample Name: CCV04 Acquired: 9/27/2018 15:34:37 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV13900 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.8285
Stddev	.1120
%RSD	2.9248

#1	3.7493
#2	3.9077

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2052.7	37857.	4104.7	96.030	3179.7
Stddev	2.2	10.	6.1	.471	2.4
%RSD	.10648	.02699	.14780	.49055	.07499

#1	2051.1	37865.	4100.4	95.697	3178.0
#2	2054.2	37850.	4109.0	96.363	3181.3

Sample Name: CCB04 Acquired: 9/27/2018 15:38:21 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13900 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00244	-.00064	-.00064	.00126	-.00011	-.00046
Stddev	.00142	.00088	.00086	.00031	.00260	.00142	.00020
%RSD	1364.7	35.968	134.00	49.039	206.80	1279.4	42.691

#1	-.00090	.00182	-.00125	-.00086	.00309	-.00112	-.00032
#2	.00111	.00306	-.00003	-.00042	-.00058	.00089	-.00059

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00007	.01902	.00001	.00008	-.00083	.00644
Stddev	.00011	.00006	.00782	.00020	.00003	.00032	.01979
%RSD	7326.7	84.246	41.123	1701.4	41.671	38.646	307.42

#1	.00008	.00003	.02455	.00016	.00010	-.00060	-.00756
#2	-.00007	.00011	.01349	-.00013	.00006	-.00106	.02043

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.01399	-.00017	-.00017	-.03601	-.00058	-.00014
Stddev	.00007	.03498	.00032	.00085	.00799	.00017	.00001
%RSD	243.41	250.08	185.77	498.17	22.185	29.849	10.315

#1	-.00002	-.03872	-.00040	-.00077	-.04166	-.00046	-.00013
#2	.00008	.01075	.00005	.00043	-.03036	-.00070	-.00015

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01220	.00020	.01039	-.00355	-.00152	.00026	.00211
Stddev	.01641	.00023	.00499	.00058	.00241	.00063	.00039
%RSD	134.50	111.59	48.001	16.356	159.14	241.51	18.433

#1	.00060	.00037	.00686	-.00396	.00019	-.00019	.00183
#2	.02381	.00004	.01392	-.00314	-.00322	.00071	.00238

Sample Name: CCB04 Acquired: 9/27/2018 15:38:21 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB13900 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00156	.0002	.00002	F<.00000	F .91263
Stddev	.00108	.0002	.00000	.06615	.54175
%RSD	68.960	102.0	9.6412	15.729	59.362
#1	-.00080	.0003	.00002	-.46731	.52955
#2	-.00233	.0000	.00002	-.37376	1.2957
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2118.1	39150.	4109.6	102.05	3541.9
Stddev	3.7	94.	33.2	.67	2.7
%RSD	.17673	.23937	.80743	.65196	.07600
#1	2115.5	39083.	4086.2	102.52	3540.0
#2	2120.8	39216.	4133.1	101.58	3543.8

Sample Name: PB113283BL Acquired: 9/27/2018 15:42:24 Type: Unk
Method: P4-ICP2(v2462) 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	.00136	-.00043	-.00038	.00185	.00230	-.01384	.00093
Stddev	.00043	.00086	.00029	.00216	.00132	.00673	.00008
%RSD	31.829	200.43	77.255	117.24	57.401	48.582	9.0161

#1	.00167	.00018	-.00017	.00032	.00136	-.01860	.00099
#2	.00106	-.00103	-.00058	.00338	.00323	-.00909	.00087

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00005	-.00135	.00009	-.00005	-.00095	-.00576
Stddev	.00002	.00008	.00328	.00019	.00014	.00002	.00068
%RSD	123.63	162.82	243.01	219.05	307.70	1.8158	11.757

#1	.00000	-.00011	.00097	.00022	-.00015	-.00096	-.00624
#2	.00004	.00001	-.00367	-.00005	.00005	-.00093	-.00528

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.04251	-.00012	.00073	-.13704	-.00015	-.00016
Stddev	.00001	.01022	.00026	.00038	.00448	.00012	.00000
%RSD	21.528	24.030	213.27	52.231	3.2726	77.190	3.0328

#1	.00003	-.04974	.00006	.00100	-.14021	-.00024	-.00016
#2	.00005	-.03529	-.00030	.00046	-.13387	-.00007	-.00017

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04472	.00011	.01032	-.00289	.00045	.00027	.00140
Stddev	.00628	.00041	.00752	.00220	.00405	.00071	.00269
%RSD	14.040	385.00	72.880	75.986	905.66	260.86	192.44

#1	-.04916	-.00018	.00500	-.00134	-.00242	-.00023	.00330
#2	-.04028	.00039	.01563	-.00445	.00331	.00077	-.00050

Sample Name: PB113283BL Acquired: 9/27/2018 15:42:24 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01951	-.0009	-.00000	F 1.6428	F 1.0410
Stddev	.00193	.0006	.00006	.0731	.2532
%RSD	9.8816	63.42	11652.	4.4516	24.320

#1	-.01815	-.0013	.00004	1.6945	1.2200
#2	-.02087	-.0005	-.00004	1.5911	.86197

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2050.3	37743.	3932.7	96.858	3429.6
Stddev	9.5	180.	19.0	.855	11.3
%RSD	.46535	.47740	.48383	.88269	.32877

#1	2043.5	37615.	3946.1	97.463	3421.6
#2	2057.0	37870.	3919.2	96.254	3437.6

Sample Name: PB113283BS Acquired: 9/27/2018 15:46:28 Type: Unk
Method: P4-ICP2(v2462) 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	.80487	1.9585	.96707	1.9202	.84863	2.0358	.20921
Stddev	.01355	.0023	.00272	.0115	.00122	.0407	.00063
%RSD	1.6829	.11753	.28130	.60026	.14324	1.9994	.30084

#1	.81445	1.9601	.96515	1.9284	.84949	2.0071	.20876
#2	.79529	1.9569	.96899	1.9121	.84777	2.0646	.20965

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18422	.19504	1.0497	.40028	.19117	.29393	3.0049
Stddev	.00056	.00002	.0051	.00352	.00078	.00225	.0029
%RSD	.30306	.00955	.48905	.88054	.40857	.76663	.09786

#1	.18382	.19503	1.0461	.39779	.19173	.29553	3.0028
#2	.18461	.19505	1.0534	.40278	.19062	.29234	3.0070

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20690	1.9868	.47528	.06841	2.8944	.30690	.19330
Stddev	.00024	.0341	.00128	.00055	.0012	.00186	.00006
%RSD	.11605	1.7149	.26913	.80994	.04069	.60450	.02848

#1	.20673	1.9628	.47618	.06880	2.8952	.30821	.19334
#2	.20707	2.0109	.47437	.06802	2.8936	.30558	.19326

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.261	.44706	.32533	F -.00540	.91684	.67512	.22073
Stddev	.064	.00300	.00051	.00345	.00529	.00382	.00089
%RSD	.62677	.67161	.15627	63.816	.57743	.56597	.40180

#1	10.216	.44918	.32569	-.00296	.92058	.67782	.22010
#2	10.307	.44493	.32497	-.00783	.91309	.67241	.22135

Sample Name: PB113283BS Acquired: 9/27/2018 15:46:28 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 1.8439	5.145	.20700	F 2.5823	F 1.5720
Stddev	.0290	.015	.00049	.1678	.9021
%RSD	1.5744	.2885	.23832	6.4980	57.387

#1	1.8234	5.155	.20734	2.7010	.93408
#2	1.8645	5.134	.20665	2.4637	2.2099

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2020.8	37560.	3975.4	97.467	3373.0
Stddev	15.6	65.	1.1	.609	21.7
%RSD	.77264	.17215	.02725	.62435	.64259

#1	2009.7	37605.	3976.2	97.037	3357.7
#2	2031.8	37514.	3974.7	97.898	3388.4

Sample Name: PB113283TB Acquired: 9/27/2018 15:50:20 Type: Unk
Method: P4-ICP2(v2462) 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	-.00119	-.00169	.00087	.00304	.00199	-.00002	-.00152	-.00012
Stddev	.00364	.00140	.00019	.00104	.00169	.01043	.00015	.00004
%RSD	306.26	82.883	21.210	34.108	84.947	65293.	10.005	33.502
#1	.00139	-.00070	.00074	.00377	.00319	-.00739	-.00141	-.00015
#2	-.00376	-.00268	.00100	.00230	.00080	.00736	-.00163	-.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.13054	.00077	-.00017	-.00073	.00052	.00037	-.02897
Stddev	.00011	.00515	.00061	.00004	.00041	.00260	.00001	.01910
%RSD	85.593	3.9440	79.393	24.654	56.653	496.13	1.6168	65.935
#1	-.00020	.12690	.00120	-.00014	-.00044	.00236	.00038	-.01546
#2	-.00005	.13418	.00034	-.00019	-.00102	-.00132	.00037	-.04247
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00032	-.00010	F 311.36	.00001	.00949	-.00920	.00001	.01419
Stddev	.00009	.00017	5.17	.00011	.00052	.02120	.00033	.01107
%RSD	28.234	167.43	1.6610	780.55	5.5314	230.50	5528.9	78.026
#1	.00025	-.00022	315.02	.00009	.00912	.00579	.00024	.00636
#2	.00038	.00002	307.70	-.00007	.00986	-.02418	-.00023	.02202
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00309	.00703	.00337	.00040	-.00751	-.0001	.00002	F 6.5330
Stddev	.00234	.00396	.00063	.00039	.01032	.0008	.00015	.0285
%RSD	75.605	56.422	18.757	95.761	137.45	843.2	628.13	.43599
#1	.00144	.00983	.00292	.00068	-.00021	.0005	-.00008	6.5128
#2	.00475	.00422	.00382	.00013	-.01480	-.0007	.00013	6.5531

Sample Name: PB113283TB Acquired: 9/27/2018 15:50:20 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3481
Stddev .0505
%RSD 2.1516

#1 2.3839
#2 2.3124

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1934.1	35365.	3979.7	94.419	3026.4
Stddev	15.6	25.	62.8	2.011	28.4
%RSD	.80507	.06940	1.5772	2.1304	.93962

#1	1923.1	35382.	3935.3	95.841	3006.3
#2	1945.1	35348.	4024.1	92.996	3046.5

Sample Name: J5096-02 Acquired: 9/27/2018 15:54:30 Type: Unk
Method: P4-ICP2(v2462) 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	.00491	-.00120	.00489	.00482	.00201	.02620	.23112	.00001
Stddev	.00024	.00132	.00010	.00122	.00061	.00026	.00021	.00010
%RSD	4.9650	110.08	1.9708	25.279	30.592	.98371	.09007	1813.0

#1	.00508	-.00213	.00483	.00569	.00157	.02638	.23127	.00008
#2	.00473	-.00027	.00496	.00396	.00244	.02601	.23098	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01206	10.727	.00396	-.00013	.01369	.02217	.03716	2.2730
Stddev	.00011	.060	.00070	.00014	.00036	.01052	.00016	.0202
%RSD	.89333	.55967	17.749	112.84	2.6589	47.461	.41934	.88751

#1	.01198	10.685	.00446	-.00003	.01395	.01473	.03705	2.2873
#2	.01214	10.770	.00346	-.00022	.01343	.02961	.03727	2.2588

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00333	-.00011	259.55	.00024	1.6329	1.9270	-.00012	.01486
Stddev	.00023	.00033	.58	.00003	.0088	.0095	.00011	.01315
%RSD	6.8877	294.31	.22272	12.033	.53730	.49439	87.504	88.501

#1	.00349	-.00035	259.14	.00026	1.6391	1.9338	-.00020	.00556
#2	.00317	.00012	259.96	.00022	1.6266	1.9203	-.00005	.02416

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07351	.13775	.00206	.00037	-.01826	.0569	.06124	5.7944
Stddev	.00560	.00079	.00042	.00065	.00260	.0023	.00007	.9188
%RSD	7.6160	.57635	20.282	176.98	14.250	3.985	.10830	15.857

#1	.06955	.13831	.00236	-.00009	-.02010	.0553	.06119	6.4441
#2	.07747	.13719	.00176	.00083	-.01642	.0585	.06128	5.1447

Sample Name: J5096-02 Acquired: 9/27/2018 15:54:30 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.5024
 Stddev .1016
 %RSD 4.0603

#1 2.4305
 #2 2.5742

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1954.0	36006.	4048.5	98.887	3042.1
Stddev	.3	75.	16.0	.680	7.9
%RSD	.01608	.20739	.39639	.68798	.25953

#1	1953.8	35953.	4059.9	98.406	3036.5
#2	1954.2	36059.	4037.2	99.368	3047.7

Sample Name: J5096-02DUP Acquired: 9/27/2018 15:58:38 Type: Unk
Method: P4-ICP2(v2462) 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	-.00444	-.00058	.00399	.00446	.00101	.03811	.23678	.00002
Stddev	.00557	.00130	.00015	.00216	.00112	.01271	.00357	.00011
%RSD	125.34	224.56	3.8679	48.414	110.41	33.354	1.5060	513.22

#1	-.00051	.00034	.00409	.00293	.00180	.04710	.23426	.00010
#2	-.00838	-.00150	.00388	.00598	.00022	.02912	.23930	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01205	10.947	.00476	.00001	.01350	.02482	.03776	2.2809
Stddev	.00002	.049	.00006	.00009	.00010	.01066	.00004	.0261
%RSD	.15674	.44368	1.2440	624.07	.74054	42.933	.11463	1.1452

#1	.01204	10.913	.00480	-.00005	.01343	.01729	.03779	2.2994
#2	.01207	10.982	.00471	.00008	.01357	.03236	.03773	2.2624

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00293	-.00049	264.49	-.00018	1.7123	1.9716	-.00004	.00775
Stddev	.00001	.00005	.48	.00028	.0341	.0237	.00019	.00659
%RSD	.49188	9.6457	.18216	152.35	1.9914	1.2024	446.82	84.953

#1	.00292	-.00045	264.15	.00001	1.7364	1.9549	.00009	.01241
#2	.00294	-.00052	264.83	-.00038	1.6882	1.9884	-.00018	.00310

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07931	.13524	.00311	.00109	-.01045	.0570	.06194	5.0182
Stddev	.00192	.00071	.00032	.00044	.00204	.0003	.00009	.4429
%RSD	2.4252	.52427	10.377	40.178	19.508	.5476	.14286	8.8254

#1	.08067	.13574	.00288	.00078	-.00901	.0573	.06188	4.7050
#2	.07795	.13474	.00334	.00140	-.01189	.0568	.06201	5.3313

Sample Name: J5096-02DUP Acquired: 9/27/2018 15:58:38 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.5474
Stddev	.5522
%RSD	21.678

#1	2.9379
#2	2.1569

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1959.6	35907.	4024.3	95.087	3053.0
Stddev	.5	32.	3.8	1.982	.9
%RSD	.02657	.09027	.09448	2.0839	.02903

#1	1959.2	35884.	4021.6	93.686	3052.4
#2	1959.9	35930.	4027.0	96.488	3053.6

Sample Name: J5096-02LX5 Acquired: 9/27/2018 16:02:46 Type: Unk
Method: P4-ICP2(v2462) 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	.00167	-.00100	.00038	.00157	.00141	.00093	.04639	.00002
Stddev	.00174	.00093	.00005	.00076	.00274	.01013	.00025	.00000
%RSD	104.31	93.236	13.971	48.658	195.07	1093.3	.53364	13.889

#1	.00290	-.00034	.00034	.00211	-.00053	-.00624	.04622	.00002
#2	.00044	-.00166	.00042	.00103	.00334	.00809	.04657	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00234	2.2258	.00623	-.00017	.00232	.04315	.00856	.45326
Stddev	.00008	.0434	.00061	.00024	.00014	.00143	.00009	.06493
%RSD	3.4668	1.9482	9.8535	146.02	6.1107	3.3146	1.0878	14.326

#1	.00229	2.1952	.00666	.00001	.00242	.04416	.00863	.49917
#2	.00240	2.2565	.00579	-.00034	.00222	.04213	.00849	.40734

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00373	.00021	52.245	.00009	.36390	.34708	.00057	.00998
Stddev	.00023	.00033	.322	.00043	.00048	.01604	.00024	.00149
%RSD	6.2366	161.95	.61541	464.15	.13144	4.6222	42.276	14.952

#1	.00357	.00044	52.472	.00039	.36357	.33573	.00040	.00892
#2	.00390	-.00003	52.017	-.00021	.36424	.35842	.00074	.01103

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01993	.02970	.00128	.00173	-.02240	.0102	.01229	2.2589
Stddev	.00533	.00071	.00008	.00336	.00841	.0007	.00010	.9233
%RSD	26.715	2.4047	6.5777	194.68	37.548	6.492	.82565	40.871

#1	.02370	.03020	.00134	-.00065	-.01645	.0107	.01237	2.9118
#2	.01617	.02919	.00122	.00411	-.02835	.0098	.01222	1.6061

Sample Name: J5096-02LX5 Acquired: 9/27/2018 16:02:46 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.3067
 Stddev .0794
 %RSD 6.0797

#1 1.2506
 #2 1.3629

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2030.1	37284.	4032.0	97.603	3268.6
Stddev	4.4	182.	13.1	.089	5.1
%RSD	.21682	.48740	.32570	.09155	.15696

#1	2027.0	37156.	4022.7	97.666	3265.0
#2	2033.2	37413.	4041.3	97.540	3272.2

Sample Name: J5096-02MS Acquired: 9/27/2018 16:06:49 Type: Unk
Method: P4-ICP2(v2462) 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	.93179	2.1981	1.1263	2.2731	.88643	2.3406	.45843	.22092	.24525
Stddev	.00906	.0084	.0000	.0075	.00418	.0063	.00294	.00010	.00037
%RSD	.97202	.38274	.00149	.32950	.47124	.27145	.64168	.04476	.15045
#1	.93819	2.1921	1.1263	2.2784	.88938	2.3451	.45635	.22099	.24551
#2	.92538	2.2040	1.1263	2.2678	.88348	2.3361	.46051	.22085	.24499
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.870	.45380	.22145	.33002	3.3271	.26325	4.4971	.55102	.07993
Stddev	.069	.00010	.00049	.00071	.0426	.00005	.0628	.00182	.00002
%RSD	.58440	.02097	.22193	.21419	1.2815	.02051	1.3960	.33106	.03006
#1	11.821	.45373	.22180	.33052	3.2970	.26321	4.4527	.55231	.07991
#2	11.919	.45386	.22110	.32952	3.3573	.26329	4.5415	.54973	.07994
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	264.98	.34275	1.8474	13.620	.45234	.35537	.06950	1.1128	.74221
Stddev	.47	.00213	.0093	.083	.00159	.01045	.00058	.0013	.00204
%RSD	.17616	.62265	.50184	.60636	.35132	2.9419	.84065	.11209	.27486
#1	265.31	.34426	1.8409	13.562	.45347	.34797	.06909	1.1137	.74366
#2	264.65	.34124	1.8540	13.679	.45122	.36276	.06992	1.1120	.74077
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.23177	2.0758	6.624	.28638	7.0593	3.4169			
Stddev	.00426	.0135	.027	.00166	1.0574	.4670			
%RSD	1.8390	.64834	.4081	.57800	14.978	13.669			
#1	.22875	2.0663	6.643	.28521	6.3116	3.0867			
#2	.23478	2.0853	6.605	.28755	7.8070	3.7472			

Sample Name: J5096-02MS Acquired: 9/27/2018 16:06:49 Type: Unk
Method: P4-ICP2(v2462) 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	1956.9	35880.	3947.9	96.142	3016.8
Stddev	7.3	88.	20.5	.274	11.9
%RSD	.37216	.24441	.51866	.28501	.39321
#1	1951.8	35818.	3962.3	96.336	3008.4
#2	1962.1	35942.	3933.4	95.949	3025.1

Sample Name: J5096-02MSD Acquired: 9/27/2018 16:10:47 Type: Unk
Method: P4-ICP2(v2462) 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	.92961	2.1981	1.1263	2.2881	.88456	2.3720	.45218	.22019	.24561
Stddev	.00146	.0129	.0026	.0023	.00090	.0366	.00186	.00018	.00019
%RSD	.15723	.58631	.22668	.10240	.10136	1.5432	.41051	.08036	.07906

#1	.92857	2.1890	1.1245	2.2864	.88520	2.3461	.45349	.22031	.24548
#2	.93064	2.2072	1.1281	2.2897	.88393	2.3979	.45087	.22006	.24575

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.830	.45219	.22177	.33216	3.3376	.26270	4.4013	.55270	.07916
Stddev	.011	.00023	.00117	.00052	.0367	.00065	.0876	.00197	.00013
%RSD	.09432	.05112	.52742	.15690	1.0984	.24909	1.9898	.35627	.16301

#1	11.822	.45236	.22095	.33253	3.3635	.26223	4.4632	.55131	.07907
#2	11.838	.45203	.22260	.33179	3.3116	.26316	4.3394	.55409	.07925

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	258.35	.34190	1.8444	13.507	.45444	.35677	.06324	1.1008	.74329
Stddev	.53	.00089	.0312	.038	.00125	.01960	.00053	.0009	.00019
%RSD	.20662	.26124	1.6920	.27960	.27400	5.4936	.84020	.07858	.02560

#1	257.98	.34127	1.8664	13.480	.45356	.34291	.06287	1.1002	.74343
#2	258.73	.34253	1.8223	13.534	.45532	.37063	.06362	1.1015	.74316

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23176	2.0660	6.643	.28510	7.4717	3.0960
Stddev	.00167	.0032	.010	.00020	.6451	.8993
%RSD	.71899	.15465	.1532	.07070	8.6341	29.046

#1	.23294	2.0638	6.636	.28524	7.9279	2.4601
#2	.23058	2.0683	6.650	.28496	7.0155	3.7319

Sample Name: J5096-02MSD Acquired: 9/27/2018 16:10:47 Type: Unk
Method: P4-ICP2(v2462) 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	1957.1	35815.	3948.4	96.418	3021.4
Stddev	11.8	51.	1.7	1.945	10.7
%RSD	.60402	.14304	.04406	2.0175	.35502
#1	1948.8	35852.	3947.2	95.042	3013.8
#2	1965.5	35779.	3949.6	97.793	3029.0

Sample Name: J5096-02A Acquired: 9/27/2018 16:14:45 Type: Unk
Method: P4-ICP2(v2462) 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	.94160	2.2024	1.1342	2.3220	.89089	2.4158	.46315	.22085	.24737
Stddev	.00129	.0078	.0006	.0158	.00344	.0198	.00156	.00055	.00109
%RSD	.13706	.35287	.04971	.68093	.38639	.81817	.33585	.25122	.44208
#1	.94069	2.2079	1.1338	2.3332	.89332	2.4297	.46425	.22046	.24814
#2	.94251	2.1969	1.1346	2.3108	.88846	2.4018	.46205	.22124	.24659
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.999	.45076	.22255	.33408	3.3064	.26352	4.4764	.55527	.07869
Stddev	.050	.00012	.00047	.00152	.0583	.00011	.0449	.00061	.00143
%RSD	.41652	.02640	.20935	.45635	1.7648	.04164	1.0018	.10905	1.8117
#1	12.034	.45068	.22288	.33515	3.3477	.26360	4.4447	.55569	.07768
#2	11.964	.45084	.22222	.33300	3.2652	.26345	4.5081	.55484	.07970
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	262.80	.34418	1.8170	13.804	.45385	.34652	.06341	1.1015	.74957
Stddev	.23	.00227	.0334	.030	.00066	.00709	.00190	.0091	.00221
%RSD	.08739	.66083	1.8372	.21557	.14614	2.0463	2.9897	.82144	.29439
#1	262.64	.34257	1.8406	13.825	.45338	.34151	.06207	1.0951	.75113
#2	262.96	.34579	1.7934	13.783	.45432	.35153	.06475	1.1079	.74801
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.23416	2.0892	6.705	.28603	7.6074	2.4325			
Stddev	.00094	.0087	.038	.00209	1.1059	.2209			
%RSD	.40126	.41627	.5636	.72999	14.537	9.0830			
#1	.23349	2.0954	6.732	.28456	8.3894	2.5887			
#2	.23482	2.0831	6.678	.28751	6.8255	2.2762			

Sample Name: J5096-02A Acquired: 9/27/2018 16:14:45 Type: Unk
Method: P4-ICP2(v2462) 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	1947.5	35643.	3962.3	97.966	2999.7
Stddev	13.5	117.	12.6	1.897	19.4
%RSD	.69421	.32813	.31702	1.9360	.64547
#1	1937.9	35560.	3971.1	96.625	2986.0
#2	1957.0	35725.	3953.4	99.307	3013.4

Sample Name: PB113284BL Acquired: 9/27/2018 16:18:42 Type: Unk
Method: P4-ICP2(v2462) 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	.00473	.00160	-.00011	.00233	.00119	-.00218	.00082
Stddev	.00532	.00104	.00103	.00322	.00066	.00352	.00131
%RSD	112.29	64.618	975.21	138.32	55.777	161.37	159.91

#1	.00097	.00087	.00062	.00005	.00166	-.00467	.00174
#2	.00849	.00234	-.00083	.00461	.00072	.00031	-.00011

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00000	-.00171	.00061	-.00003	-.00047	.00388
Stddev	.00006	.00003	.00583	.00037	.00028	.00054	.01164
%RSD	75.758	636.68	341.75	59.979	820.19	116.82	300.12

#1	.00013	-.00002	.00242	.00087	.00016	-.00008	-.00435
#2	.00004	.00003	-.00583	.00035	-.00023	-.00085	.01211

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.00766	-.00015	.00017	-.19159	-.00016	-.00011
Stddev	.00004	.01190	.00022	.00026	.00677	.00011	.00000
%RSD	32.322	155.22	146.65	151.68	3.5352	70.389	2.5190

#1	.00014	.00075	-.00030	-.00001	-.19638	-.00024	-.00011
#2	.00009	-.01608	.00001	.00035	-.18680	-.00008	-.00011

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07097	-.00005	.00023	-.00326	-.00003	.00110	.00113
Stddev	.02805	.00015	.01535	.00089	.00225	.00063	.00094
%RSD	39.524	293.00	6814.7	27.218	8419.7	57.077	83.127

#1	-.05114	-.00016	.01108	-.00389	-.00162	.00155	.00179
#2	-.09081	.00005	-.01063	-.00263	.00157	.00066	.00047

Sample Name: PB113284BL Acquired: 9/27/2018 16:18:42 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.02098	-.0013	.00002	F 2.1996	F .69542
Stddev	.01479	.0009	.00003	.6184	.83945
%RSD	70.505	73.74	160.35	28.113	120.71

#1	-.01052	-.0006	.00004	2.6369	.10184
#2	-.03144	-.0020	-.00000	1.7624	1.2890

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2088.4	37966.	3987.5	95.685	3485.2
Stddev	11.3	4.	11.6	2.435	19.8
%RSD	.54001	.01073	.29042	2.5445	.56749

#1	2080.4	37969.	3979.3	97.407	3471.2
#2	2096.4	37963.	3995.7	93.964	3499.2

Sample Name: CCV05 Acquired: 9/27/2018 16:31:49 Type: Unk
Method: P4-ICP2(v2462) 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	5.0570	5.0715	5.0370	5.0467	5.1567	10.356	9.9834	.24998
Stddev	.0206	.0088	.0127	.0002	.0330	.014	.0238	.00081
%RSD	.40688	.17361	.25139	.00341	.63962	.13550	.23802	.32559

#1	5.0716	5.0653	5.0459	5.0468	5.1800	10.366	10.000	.24941
#2	5.0425	5.0777	5.0280	5.0466	5.1334	10.346	9.9666	.25056

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5425	25.370	1.0110	2.5153	1.2647	5.1254	2.5315	25.314
Stddev	.0050	.026	.0012	.0027	.0069	.0675	.0047	.040
%RSD	.19515	.10415	.12017	.10559	.54782	1.3164	.18392	.15912

#1	2.5460	25.388	1.0119	2.5172	1.2696	5.1732	2.5282	25.343
#2	2.5390	25.351	1.0101	2.5134	1.2598	5.0777	2.5348	25.286

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5104	1.2536	24.870	2.5212	2.5606	25.549	5.1172	5.1400
Stddev	.0049	.0008	.015	.0006	.0239	.075	.0055	.0459
%RSD	.19447	.06329	.05916	.02480	.93487	.29170	.10796	.89287

#1	2.5138	1.2531	24.880	2.5207	2.5775	25.496	5.1212	5.1076
#2	2.5069	1.2542	24.860	2.5216	2.5437	25.602	5.1133	5.1725

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9762	4.9522	4.9427	5.2025	4.6975	5.111	5.2226	F 5.6715
Stddev	.0193	.0433	.0056	.0154	.0001	.010	.0030	.3326
%RSD	.38809	.87475	.11357	.29603	.00282	.1957	.05659	5.8645

#1	4.9625	4.9215	4.9467	5.2134	4.6975	5.118	5.2246	5.9067
#2	4.9898	4.9828	4.9388	5.1916	4.6976	5.104	5.2205	5.4363

Sample Name: CCV05 Acquired: 9/27/2018 16:31:49 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.8349
Stddev	.3806
%RSD	13.425

#1	2.5658
#2	3.1041

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2015.9	36724.	3962.2	93.204	3120.8
Stddev	9.4	77.	24.1	1.074	13.7
%RSD	.46678	.20943	.60730	1.1518	.43997

#1	2009.3	36670.	3979.2	92.445	3111.1
#2	2022.6	36778.	3945.2	93.963	3130.5

Sample Name: CCB05 Acquired: 9/27/2018 16:35:34 Type: Unk
Method: P4-ICP2(v2462) 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	-.00032	.00213	-.00048	.00359	.00120	-.01072	.00028
Stddev	.00156	.00001	.00048	.00489	.00013	.01261	.00009
%RSD	479.19	.30693	98.780	136.15	10.813	117.70	33.071

#1	.00078	.00212	-.00014	.00704	.00130	-.01963	.00021
#2	-.00143	.00213	-.00082	.00013	.00111	-.00180	.00034

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00002	.01509	.00001	.00023	-.00017	.00273
Stddev	.00002	.00007	.00348	.00025	.00017	.00022	.01089
%RSD	103.87	422.61	23.061	2149.6	74.580	127.40	399.15

#1	.00001	-.00003	.01755	-.00016	.00035	-.00032	-.00497
#2	.00004	.00007	.01263	.00019	.00011	-.00002	.01043

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.03390	-.00020	.00019	-.30143	-.00012	-.00023
Stddev	.00003	.03793	.00014	.00100	.00006	.00047	.00011
%RSD	34.698	111.89	72.042	520.47	.02110	407.44	44.762

#1	.00006	-.06072	-.00030	.00090	-.30147	-.00045	-.00016
#2	.00010	-.00708	-.00010	-.00052	-.30138	.00022	-.00031

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10804	.00057	.00901	-.00445	.00198	.00006	.00184
Stddev	.00164	.00001	.01376	.00219	.00020	.00116	.00042
%RSD	1.5147	2.0965	152.82	49.347	10.190	1786.2	23.139

#1	-.10919	.00058	-.00073	-.00600	.00212	.00088	.00154
#2	-.10688	.00056	.01874	-.00289	.00183	-.00075	.00214

Sample Name: CCB05 Acquired: 9/27/2018 16:35:34 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.02424	-.0007	.00007	F 1.5717	F .46888
Stddev	.00917	.0012	.00005	.1418	.27946
%RSD	37.817	178.6	79.316	9.0191	59.601

#1	-.01776	.0002	.00010	1.4715	.27128
#2	-.03072	-.0015	.00003	1.6720	.66649

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2083.6	38145.	4001.1	98.786	3482.5
Stddev	1.7	9.	24.6	1.814	1.3
%RSD	.08132	.02246	.61388	1.8367	.03641

#1	2082.4	38139.	4018.5	97.503	3481.6
#2	2084.8	38151.	3983.8	100.07	3483.4

Sample Name: PB113284BS Acquired: 9/27/2018 16:39:39 Type: Unk
Method: P4-ICP2(v2462) 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	.81082	1.9986	.99047	1.9275	.83700	2.0579	.20633	.18802
Stddev	.00043	.0022	.00089	.0028	.00213	.0274	.00075	.00020
%RSD	.05323	.10867	.09005	.14730	.25390	1.3301	.36577	.10415
#1	.81112	1.9971	.99110	1.9295	.83850	2.0773	.20580	.18788
#2	.81051	2.0001	.98984	1.9255	.83550	2.0386	.20686	.18816
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19888	1.0924	.41428	.19483	.30280	3.0828	.21190	2.0253
Stddev	.00005	.0005	.00107	.00061	.00099	.0658	.00056	.0038
%RSD	.02276	.04210	.25865	.31450	.32801	2.1339	.26599	.18905
#1	.19885	1.0921	.41504	.19526	.30350	3.0363	.21150	2.0226
#2	.19892	1.0927	.41352	.19440	.30209	3.1293	.21229	2.0281
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48294	.07069	2.8353	.31223	.19759	10.281	.44188	.32842
Stddev	.00133	.00068	.0001	.00061	.00506	.078	.00073	.00006
%RSD	.27590	.95720	.00480	.19478	2.5600	.76080	.16616	.01774
#1	.48200	.07021	2.8354	.31266	.19402	10.226	.44136	.32838
#2	.48388	.07116	2.8352	.31180	.20117	10.336	.44239	.32846
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00131	.91410	.66712	.22231	F 1.8541	F 5.181	.20941	F 3.4115
Stddev	.00394	.00597	.00300	.00083	.0154	.000	.00063	1.3249
%RSD	300.02	.65355	.45008	.37225	.82986	.0041	.30052	38.837
#1	-.00147	.91833	.66500	.22289	1.8650	5.181	.20986	2.4746
#2	.00409	.90988	.66924	.22172	1.8432	5.181	.20897	4.3484

Sample Name: PB113284BS Acquired: 9/27/2018 16:39:39 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.89623
Stddev	.06204
%RSD	6.9221

#1	.94009
#2	.85236

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1996.3	37110.	3923.5	96.602	3340.1
Stddev	.5	76.	11.6	2.436	1.0
%RSD	.02672	.20536	.29647	2.5220	.02902

#1	1995.9	37164.	3915.3	98.324	3340.7
#2	1996.7	37056.	3931.7	94.879	3339.4

Sample Name: PB113284TB Acquired: 9/27/2018 16:43:30 Type: Unk
Method: P4-ICP2(v2462) 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	-.00403	-.00159	.00048	.00416	.00315	-.00857	-.00006	-.00010
Stddev	.00008	.00254	.00033	.00323	.00001	.00675	.00226	.00002
%RSD	1.8924	159.43	70.206	77.795	.24473	78.797	3594.2	17.787
#1	-.00408	.00020	.00024	.00187	.00316	-.01334	-.00166	-.00008
#2	-.00397	-.00339	.00071	.00644	.00315	-.00379	.00154	-.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.06551	.00111	-.00048	-.00073	.02550	.00074	-.01657
Stddev	.00009	.00966	.00023	.00005	.00019	.02897	.00002	.01458
%RSD	66.690	14.749	20.436	9.7216	25.440	113.61	2.5448	87.989
#1	-.00019	.05868	.00095	-.00051	-.00086	.04598	.00073	-.00626
#2	-.00007	.07234	.00127	-.00045	-.00060	.00502	.00075	-.02689
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.00019	F 286.02	.00015	.00754	-.03982	.00001	.00062
Stddev	.00008	.00074	1.84	.00060	.00004	.00044	.00020	.02135
%RSD	74.617	382.36	.64193	386.92	.52715	1.0998	1609.9	3443.7
#1	-.00016	-.00071	287.32	.00058	.00757	-.04013	.00016	-.01447
#2	-.00005	.00033	284.73	-.00027	.00752	-.03951	-.00013	.01571
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00575	.00955	.00361	.00259	-.00948	-.0012	-.00005	F 9.1073
Stddev	.00773	.00342	.00069	.00088	.01183	.0030	.00007	.8689
%RSD	134.47	35.815	19.086	34.006	124.79	249.6	150.19	9.5410
#1	.01121	.00713	.00410	.00197	-.00111	-.0034	-.00010	8.4928
#2	.00028	.01197	.00312	.00321	-.01784	.0009	.00000	9.7217

Sample Name: PB113284TB Acquired: 9/27/2018 16:43:30 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.5936
Stddev .2137
%RSD 13.408

#1 1.4425
#2 1.7447

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1912.5	34539.	3898.3	94.389	2988.0
Stddev	9.4	50.	19.4	1.297	16.4
%RSD	.49213	.14483	.49701	1.3740	.54721

#1	1905.8	34574.	3884.6	93.472	2976.4
#2	1919.1	34504.	3912.0	95.306	2999.5

Sample Name: J5101-02 Acquired: 9/27/2018 16:47:40 Type: Unk
Method: P4-ICP2(v2462) 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	.00477	-.00049	-.00014	-.00036	.00202	.00132	.00284	-.00003
Stddev	.00176	.00169	.00067	.00001	.00109	.01290	.00081	.00004
%RSD	36.906	344.22	494.59	3.0883	53.968	978.02	28.684	120.57

#1	.00601	.00070	.00034	-.00037	.00279	.01044	.00226	-.00006
#2	.00352	-.00168	-.00061	-.00035	.00125	-.00780	.00342	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.86894	-.00003	.00002	-.00051	.35273	.00769	-.01165
Stddev	.00010	.00109	.00002	.00007	.00039	.01769	.00007	.04461
%RSD	182.00	.12559	68.269	396.10	77.682	5.0139	.94573	382.77

#1	-.00013	.86972	-.00001	-.00003	-.00023	.36524	.00764	.01989
#2	.00002	.86817	-.00004	.00006	-.00079	.34022	.00775	-.04320

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	-.00018	.76825	-.00027	.02925	-.04590	.00002	.00531
Stddev	.00029	.00028	.00068	.00009	.00049	.00590	.00003	.01099
%RSD	179.69	153.20	.08892	31.637	1.6878	12.855	214.38	206.92

#1	.00004	-.00037	.76873	-.00033	.02891	-.04173	-.00001	.01309
#2	-.00037	.00001	.76777	-.00021	.02960	-.05007	.00004	-.00246

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17931	.00803	.00024	.00007	-.01893	.0007	.00118	.52296
Stddev	.00518	.00212	.00017	.00026	.00135	.0016	.00004	.91276
%RSD	2.8902	26.398	71.415	387.32	7.1210	240.8	3.1447	174.54

#1	.17564	.00953	.00012	.00025	-.01989	.0018	.00121	1.1684
#2	.18297	.00653	.00036	-.00012	-.01798	-.0005	.00116	-.12246

Sample Name: J5101-02 Acquired: 9/27/2018 16:47:40 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .14146
Stddev .51060
%RSD 360.95

#1 -.21959
#2 .50251

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2130.9	38522.	4053.8	98.773	3552.1
Stddev	6.8	143.	57.5	.085	6.8
%RSD	.31678	.37065	1.4196	.08623	.19019

#1	2126.2	38421.	4094.5	98.833	3547.3
#2	2135.7	38623.	4013.1	98.713	3556.9

Sample Name: J5101-02DUP Acquired: 9/27/2018 16:51:44 Type: Unk
Method: P4-ICP2(v2462) 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	.00110	.00122	-.00032	.00176	.00085	.00129	.00146	-.00005
Stddev	.00164	.00218	.00080	.00065	.00021	.00171	.00010	.00002
%RSD	149.89	178.33	252.20	36.772	24.122	132.28	7.1694	53.663

#1	.00226	-.00032	.00025	.00130	.00071	.00250	.00138	-.00006
#2	-.00007	.00276	-.00088	.00222	.00100	.00008	.00153	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.98987	.00004	.00004	-.00046	.19292	.00840	.02981
Stddev	.00001	.02639	.00031	.00024	.00015	.01006	.00010	.01156
%RSD	61.292	2.6660	790.89	565.76	33.634	5.2148	1.2394	38.780

#1	-.00003	.97121	-.00018	-.00013	-.00057	.18581	.00848	.02163
#2	-.00001	1.0085	.00026	.00021	-.00035	.20004	.00833	.03798

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00036	-.00015	.85214	-.00010	.03104	-.07281	-.00014	.00466
Stddev	.00018	.00052	.00384	.00020	.00163	.02258	.00002	.00037
%RSD	48.344	336.92	.45010	198.50	5.2403	31.010	13.297	8.0318

#1	-.00049	.00021	.84943	-.00024	.02989	-.08878	-.00013	.00493
#2	-.00024	-.00052	.85485	.00004	.03219	-.05685	-.00016	.00440

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18657	.01134	-.00010	.00015	-.02190	.0007	.00128	<.00000
Stddev	.00110	.00148	.00029	.00087	.00043	.0006	.00004	1.2640
%RSD	.58777	13.057	279.17	598.36	1.9470	82.80	2.7606	186.76

#1	.18580	.01030	.00010	.00076	-.02160	.0003	.00131	.21697
#2	.18735	.01239	-.00031	-.00047	-.02220	.0011	.00126	-1.5706

Sample Name: J5101-02DUP Acquired: 9/27/2018 16:51:44 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .26421
Stddev .05745
%RSD 21.745

#1 .30484
#2 .22359

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2119.9	38649.	4072.2	100.12	3537.8
Stddev	10.2	279.	42.5	4.02	18.7
%RSD	.47971	.72184	1.0449	4.0138	.52994

#1	2112.7	38452.	4102.3	102.96	3524.5
#2	2127.1	38847.	4042.1	97.280	3551.1

Sample Name: J5101-02LX5 Acquired: 9/27/2018 16:55:47 Type: Unk
Method: P4-ICP2(v2462) 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	.00136	-.00069	.00006	.00143	-.00017	-.01128	-.00007	-.00004
Stddev	.00077	.00137	.00059	.00236	.00074	.00366	.00008	.00002
%RSD	56.463	198.96	936.25	165.49	433.15	32.395	106.28	41.831

#1	.00082	-.00166	.00048	.00309	-.00069	-.01387	-.00013	-.00006
#2	.00191	.00028	-.00035	-.00024	.00035	-.00870	-.00002	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	.22685	.00132	.00008	-.00057	.06863	.00203	-.04023
Stddev	.00004	.01299	.00030	.00001	.00001	.00784	.00009	.01954
%RSD	33.361	5.7265	22.887	15.514	2.2633	11.417	4.4905	48.587

#1	-.00014	.23603	.00111	.00009	-.00056	.07417	.00210	-.05405
#2	-.00009	.21766	.00153	.00007	-.00058	.06309	.00197	-.02641

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00061	-.00042	-.07403	-.00037	.00683	-.10284	.00014	-.00262
Stddev	.00029	.00001	.00131	.00050	.00013	.00958	.00010	.01102
%RSD	47.805	3.2068	1.7708	135.24	1.9335	9.3204	73.207	419.97

#1	.00082	-.00041	-.07496	-.00002	.00674	-.09606	.00021	-.01041
#2	.00041	-.00043	-.07311	-.00072	.00693	-.10961	.00007	.00517

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03695	.00363	.00037	.00083	-.02548	.0007	.00032	<.00000
Stddev	.00007	.00156	.00060	.00144	.00471	.0012	.00000	.17569
%RSD	.18385	42.792	160.92	173.43	18.471	179.8	.73784	33.723

#1	.03700	.00253	.00079	.00185	-.02881	.0015	.00032	-.64521
#2	.03690	.00473	-.00005	-.00019	-.02215	-.0002	.00032	-.39674

Sample Name: J5101-02LX5 Acquired: 9/27/2018 16:55:47 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .00351
 %RSD 2.1348

#1 -.16701
 #2 -.16204

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2102.4	38199.	4010.1	96.805	3512.5
Stddev	17.9	98.	38.6	.958	25.4
%RSD	.84969	.25658	.96357	.98942	.72363

#1	2089.8	38129.	3982.8	97.482	3494.5
#2	2115.0	38268.	4037.4	96.127	3530.5

Sample Name: J5101-02MS Acquired: 9/27/2018 16:59:51 Type: Unk
Method: P4-ICP2(v2462) 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	.78328	1.9926	.97164	1.9339	.76733	1.7980	.18785	.18541	.19639
Stddev	.01363	.0312	.01041	.0205	.01260	.0129	.00089	.00043	.00292
%RSD	1.7399	1.5635	1.0712	1.0613	1.6416	.71991	.47596	.23004	1.4873

#1	.77364	1.9706	.96428	1.9194	.75842	1.7888	.18849	.18511	.19432
#2	.79292	2.0147	.97900	1.9484	.77624	1.8071	.18722	.18571	.19846

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8217	.38042	.18557	.28858	3.1275	.20124	1.9554	.46668	.06746
Stddev	.0024	.00018	.00235	.00415	.0330	.00036	.0332	.00706	.00075
%RSD	.13046	.04706	1.2652	1.4366	1.0535	.17882	1.6991	1.5122	1.1101

#1	1.8234	.38055	.18391	.28565	3.1508	.20099	1.9319	.46169	.06693
#2	1.8201	.38030	.18723	.29151	3.1042	.20149	1.9789	.47167	.06799

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	3.5248	.28203	.22987	9.3443	.38863	.29178	.16657	.89061	.63141
Stddev	.0282	.00430	.00104	.0057	.00562	.00056	.00073	.00501	.01022
%RSD	.79925	1.5250	.45267	.06125	1.4466	.19295	.43636	.56276	1.6181

#1	3.5447	.27899	.22913	9.3484	.38465	.29218	.16708	.88706	.62419
#2	3.5049	.28507	.23060	9.3403	.39260	.29138	.16605	.89415	.63864

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18762	1.6361	5.231	.18684	.80434	.52607
Stddev	.00487	.0068	.070	.00033	.39216	.29131
%RSD	2.5976	.41735	1.337	.17590	48.756	55.375

#1	.18417	1.6313	5.181	.18707	1.0816	.73206
#2	.19107	1.6409	5.280	.18661	.52704	.32008

Sample Name: J5101-02MS Acquired: 9/27/2018 16:59:51 Type: Unk
Method: P4-ICP2(v2462) 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	2105.5	38240.	3993.1	96.268	3448.7
Stddev	11.8	49.	35.7	1.114	17.0
%RSD	.56029	.12753	.89499	1.1569	.49411
#1	2097.2	38275.	3967.8	95.480	3436.7
#2	2113.8	38206.	4018.4	97.055	3460.8

Sample Name: J5101-02MSD Acquired: 9/27/2018 17:03:43 Type: Unk
Method: P4-ICP2(v2462) 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	.88307	2.2269	1.0886	2.1746	.86196	2.0521	.20649	.20722	.22128
Stddev	.02184	.0318	.0170	.0259	.01334	.0369	.00103	.00068	.00423
%RSD	2.4729	1.4290	1.5578	1.1912	1.5472	1.7996	.50027	.32771	1.9129

#1	.86763	2.2044	1.0766	2.1563	.85253	2.0260	.20722	.20674	.21829
#2	.89851	2.2494	1.1006	2.1929	.87139	2.0782	.20576	.20770	.22427

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9698	.42363	.20864	.32427	3.3336	.22438	2.0485	.52353	.07419
Stddev	.0034	.00122	.00415	.00548	.0029	.00160	.0204	.01056	.00022
%RSD	.17333	.28688	1.9903	1.6905	.08733	.71358	.99515	2.0167	.29951

#1	1.9674	.42449	.20570	.32040	3.3357	.22325	2.0341	.51607	.07404
#2	1.9722	.42277	.21157	.32815	3.3315	.22551	2.0629	.53100	.07435

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	3.8826	.31321	.24992	10.350	.43729	.32324	.18031	.97015	.71194
Stddev	.0034	.00306	.00435	.009	.00783	.00333	.00262	.00764	.01380
%RSD	.08771	.97766	1.7407	.09144	1.7904	1.0310	1.4539	.78716	1.9378

#1	3.8850	.31105	.24684	10.344	.43175	.32559	.17846	.97555	.70219
#2	3.8802	.31538	.25299	10.357	.44282	.32088	.18217	.96475	.72170

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21416	1.8329	5.858	.20846	2.3008	.49910
Stddev	.00142	.0106	.082	.00097	.3404	.31522
%RSD	.66284	.58016	1.407	.46657	14.793	63.157

#1	.21516	1.8404	5.799	.20915	2.0602	.27621
#2	.21316	1.8254	5.916	.20778	2.5415	.72199

Sample Name: J5101-02MSD Acquired: 9/27/2018 17:03:43 Type: Unk
Method: P4-ICP2(v2462) 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	2099.9	38104.	4043.6	98.164	3429.2
Stddev	6.8	74.	40.8	.109	8.5
%RSD	.32270	.19463	1.0093	.11132	.24799
#1	2095.1	38156.	4014.7	98.087	3423.2
#2	2104.7	38051.	4072.5	98.242	3435.2

Sample Name: J5101-02A Acquired: 9/27/2018 17:07:33 Type: Unk
Method: P4-ICP2(v2462) 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	.92250	2.3367	1.1477	2.2948	.91474	2.2237	.22864	.22461	.23205
Stddev	.00023	.0002	.0015	.0101	.00374	.0063	.00146	.00098	.00031
%RSD	.02497	.00703	.12925	.43873	.40875	.28517	.63662	.43704	.13299

#1	.92234	2.3368	1.1467	2.2877	.91210	2.2282	.22761	.22392	.23184
#2	.92266	2.3366	1.1488	2.3019	.91739	2.2193	.22967	.22531	.23227

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1649	.45757	.21853	.33959	3.4934	.24304	2.3088	.54953	.08064
Stddev	.0485	.00297	.00025	.00081	.1571	.00007	.0157	.00071	.00014
%RSD	2.2416	.64898	.11573	.23979	4.4974	.02894	.68146	.12932	.16976

#1	2.1306	.45547	.21871	.33901	3.3823	.24309	2.2976	.54903	.08073
#2	2.1992	.45967	.21835	.34016	3.6045	.24300	2.3199	.55004	.08054

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	4.2354	.34107	.25891	11.303	.45961	.35422	.18068	1.0650	.75029
Stddev	.0109	.00025	.01084	.075	.00084	.00455	.00224	.0202	.00723
%RSD	.25721	.07376	4.1874	.66505	.18199	1.2851	1.2408	1.8970	.96330

#1	4.2277	.34090	.25124	11.250	.45902	.35100	.18226	1.0507	.75540
#2	4.2431	.34125	.26658	11.357	.46020	.35744	.17909	1.0793	.74518

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23306	1.9964	6.182	.22656	3.4466	.67980
Stddev	.00529	.0162	.006	.00069	.0898	.30321
%RSD	2.2692	.81328	.0904	.30421	2.6059	44.603

#1	.22932	1.9849	6.178	.22705	3.3831	.89420
#2	.23680	2.0079	6.186	.22607	3.5101	.46540

Sample Name: J5101-02A Acquired: 9/27/2018 17:07:33 Type: Unk
Method: P4-ICP2(v2462) 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	2101.3	37972.	3990.7	99.586	3426.4
Stddev	6.1	15.	36.5	3.733	9.7
%RSD	.29193	.03922	.91541	3.7488	.28402
#1	2097.0	37962.	4016.6	102.23	3419.5
#2	2105.7	37983.	3964.9	96.946	3433.2

Sample Name: J5081-18 Acquired: 9/27/2018 17:11:25 Type: Unk
Method: P4-ICP2(v2462) 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	.02534	-.02024	.16386	-.02983	.00124	88.801	.51573
Stddev	.00401	.00073	.00015	.00053	.00001	.095	.00230
%RSD	15.815	3.6117	.09110	1.7674	1.0619	.10679	.44671

#1	.02818	-.01972	.16376	-.02945	.00123	88.868	.51736
#2	.02251	-.02076	.16397	-.03020	.00125	88.734	.51410

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00162	.00487	14.331	.20063	.04783	.18893	214.37
Stddev	.00003	.00031	.008	.00007	.00056	.00012	1.05
%RSD	1.6723	6.3116	.05375	.03645	1.1801	.06427	.48889

#1	.00160	.00465	14.337	.20058	.04743	.18884	215.11
#2	.00164	.00509	14.326	.20068	.04823	.18901	213.63

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7353	24.199	.10768	-.00505	3.8794	.39233	.29922
Stddev	.0045	.082	.00066	.00052	.0074	.00379	.00079
%RSD	.25663	.34022	.61690	10.208	.19115	.96682	.26341

#1	1.7385	24.141	.10815	-.00469	3.8846	.39502	.29978
#2	1.7322	24.258	.10721	-.00542	3.8741	.38965	.29867

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4136	-.00053	.13860	24.227	5.0047	.03254	2.9798
Stddev	.0038	.00006	.01577	.110	.0151	.00295	.0069
%RSD	.05088	11.285	11.380	.45532	.30122	9.0504	.23066

#1	7.4109	-.00057	.12745	24.305	4.9940	.03046	2.9750
#2	7.4163	-.00049	.14976	24.149	5.0153	.03463	2.9847

Sample Name: J5081-18 Acquired: 9/27/2018 17:11:25 Type: Unk
 Method: P4-ICP2(v2462) 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	.87612	4.203	.29696	F<.00000	33.076
Stddev	.01114	.011	.00076	1.0457	.219
%RSD	1.2713	.2489	.25739	6.0286	.66096

#1	.86825	4.210	.29750	-16.607	32.922
#2	.88400	4.196	.29642	-18.085	33.231

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2107.8	38308.	4255.7	96.965	3109.6
Stddev	4.4	213.	7.4	.588	14.6
%RSD	.20855	.55600	.17387	.60621	.47094

#1	2104.7	38157.	4260.9	96.550	3099.2
#2	2110.9	38458.	4250.5	97.381	3119.9

Sample Name: J5081-19 Acquired: 9/27/2018 17:15:19 Type: Unk
Method: P4-ICP2(v2462) 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	.06220	-.01748	.32720	-.01744	.00016	91.520	1.9899
Stddev	.00339	.00271	.00140	.00158	.00360	.080	.0074
%RSD	5.4453	15.474	.42838	9.0718	2258.9	.08737	.37407

#1	.05981	-.01557	.32819	-.01856	-.00239	91.464	1.9847
#2	.06460	-.01940	.32620	-.01632	.00271	91.577	1.9952

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00478	.00454	25.674	.16950	.08259	.21205	195.91
Stddev	.00020	.00077	.126	.00060	.00021	.00222	4.39
%RSD	4.2541	16.996	.48925	.35319	.25803	1.0489	2.2404

#1	.00492	.00509	25.586	.16908	.08244	.21362	192.81
#2	.00464	.00400	25.763	.16993	.08275	.21048	199.01

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6337	25.329	.13588	-.00186	5.6756	.26028	.44261
Stddev	.0001	.104	.00117	.00075	.0032	.00200	.00963
%RSD	.00230	.41216	.86370	40.400	.05665	.76723	2.1746

#1	2.6337	25.403	.13671	-.00239	5.6733	.25887	.43580
#2	2.6338	25.255	.13505	-.00133	5.6779	.26170	.44941

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9664	.00462	.14511	3.1780	1.3348	.18988	2.3815
Stddev	.0551	.00003	.00587	.0065	.0034	.00121	.0093
%RSD	1.1085	.74246	4.0441	.20487	.25405	.63964	.39082

#1	5.0053	.00460	.14926	3.1826	1.3324	.19074	2.3881
#2	4.9274	.00464	.14096	3.1734	1.3372	.18902	2.3749

Sample Name: J5081-19 Acquired: 9/27/2018 17:15:19 Type: Unk
 Method: P4-ICP2(v2462) 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	1.1346	5.149	.26151	F<.00000	30.555
Stddev	.0024	.025	.00075	.05699	.084
%RSD	.21265	.4783	.28805	.27196	.27637

#1	1.1363	5.167	.26098	-20.915	30.495
#2	1.1329	5.132	.26205	-20.996	30.615

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2290.1	41588.	4606.4	95.654	3092.5
Stddev	17.4	78.	18.9	1.664	26.8
%RSD	.76074	.18717	.40967	1.7401	.86613

#1	2277.8	41533.	4593.0	96.831	3073.5
#2	2302.4	41643.	4619.7	94.477	3111.4

Sample Name: CCV06 Acquired: 9/27/2018 17:19:13 Type: Unk
Method: P4-ICP2(v2462) 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	5.0790	5.0825	5.0658	5.0618	5.1695	10.349	9.9037	.25194
Stddev	.0025	.0012	.0085	.0255	.0003	.062	.0319	.00019
%RSD	.04931	.02444	.16839	.50401	.00630	.59921	.32264	.07536
#1	5.0808	5.0834	5.0598	5.0798	5.1697	10.305	9.8811	.25181
#2	5.0773	5.0816	5.0718	5.0438	5.1692	10.392	9.9263	.25208
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5607	25.523	1.0199	2.5272	1.2656	5.1768	2.5432	25.327
Stddev	.0071	.330	.0040	.0021	.0008	.0291	.0001	.012
%RSD	.27619	1.2914	.38796	.08328	.06356	.56306	.00306	.04888
#1	2.5557	25.290	1.0227	2.5257	1.2662	5.1562	2.5431	25.319
#2	2.5657	25.756	1.0171	2.5287	1.2651	5.1974	2.5432	25.336
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5240	1.2568	24.743	2.5313	2.5975	25.269	5.1384	5.1522
Stddev	.0047	.0029	.056	.0089	.0178	.088	.0008	.0391
%RSD	.18465	.23054	.22812	.35301	.68518	.34892	.01617	.75944
#1	2.5207	1.2548	24.703	2.5250	2.5849	25.207	5.1390	5.1246
#2	2.5273	1.2589	24.783	2.5376	2.6101	25.332	5.1378	5.1799
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9999	4.9700	4.9648	5.1945	4.6470	5.162	5.1845	5.3516
Stddev	.0079	.0091	.0111	.0209	.0040	.006	.0124	.3618
%RSD	.15771	.18370	.22407	.40182	.08510	.1207	.23812	6.7609
#1	4.9944	4.9764	4.9727	5.1798	4.6442	5.167	5.1758	5.0957
#2	5.0055	4.9635	4.9570	5.2093	4.6497	5.158	5.1932	5.6074

Sample Name: CCV06 Acquired: 9/27/2018 17:19:13 Type: Unk
Method: P4-ICP2(v2462) 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 .2787
%RSD 10.999

#1 2.7310
#2 2.3368

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2025.2	36860.	3992.4	92.995	3131.3
Stddev	8.4	57.	9.1	.370	5.1
%RSD	.41455	.15579	.22828	.39787	.16326

#1	2019.3	36819.	3986.0	93.256	3127.7
#2	2031.2	36901.	3998.9	92.733	3134.9

Sample Name: CCB06 Acquired: 9/27/2018 17:22:58 Type: Unk
Method: P4-ICP2(v2462) 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	-.00081	.00018	.00109	.00228	.00132	-.00476	.00015
Stddev	.00418	.00016	.00033	.00068	.00208	.00120	.00045
%RSD	518.42	87.511	30.120	29.592	157.02	25.141	298.18

#1	.00215	.00007	.00085	.00180	.00279	-.00561	-.00017
#2	-.00376	.00029	.00132	.00276	-.00015	-.00392	.00047

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00000	.03189	.00050	.00008	-.00070	.00649
Stddev	.00004	.00005	.00646	.00033	.00014	.00031	.01931
%RSD	347.40	1096.0	20.266	66.858	188.95	44.459	297.71

#1	.00004	.00004	.02732	.00073	-.00003	-.00048	-.00717
#2	-.00002	-.00003	.03646	.00026	.00018	-.00091	.02014

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.03910	-.00033	-.00009	-.36261	-.00024	-.00028
Stddev	.00008	.00516	.00072	.00050	.00282	.00017	.00001
%RSD	601.45	13.202	217.73	569.38	.77864	71.347	3.2218

#1	.00007	-.04275	-.00084	.00027	-.36460	-.00036	-.00027
#2	-.00004	-.03545	.00018	-.00044	-.36061	-.00012	-.00029

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.08849	.00059	.00200	-.00272	.00117	-.00004	.00124
Stddev	.02613	.00004	.00133	.00090	.00070	.00022	.00042
%RSD	29.533	7.5622	66.632	33.185	60.334	522.34	34.019

#1	-.07001	.00062	.00106	-.00336	.00167	.00011	.00154
#2	-.10697	.00055	.00294	-.00208	.00067	-.00019	.00094

Sample Name: CCB06 Acquired: 9/27/2018 17:22:58 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.02893	.0000	.00005	F 1.3936	F .08481
Stddev	.00980	.0022	.00000	.1414	.21786
%RSD	33.880	18650.	9.1429	10.149	256.89

#1	-.02200	.0016	.00005	1.2936	-.06924
#2	-.03587	-.0015	.00005	1.4936	.23886

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2098.1	38068.	3971.8	95.919	3501.4
Stddev	9.5	16.	21.7	.834	15.3
%RSD	.45353	.04211	.54689	.86955	.43616

#1	2091.4	38057.	3987.1	95.329	3490.6
#2	2104.8	38080.	3956.4	96.508	3512.2

Sample Name: J5081-20 Acquired: 9/27/2018 17:27:04 Type: Unk
Method: P4-ICP2(v2462) 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	.01238	-.01415	.00754	-.02259	-.00006	90.945	.55201
Stddev	.00051	.00218	.00305	.00395	.00323	.000	.00310
%RSD	4.1106	15.398	40.514	17.476	5312.5	.00049	.56213

#1	.01202	-.01569	.00970	-.01980	.00223	90.946	.54982
#2	.01274	-.01261	.00538	-.02538	-.00235	90.945	.55420

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00335	.00426	11.378	.19202	.07860	.08252	185.69
Stddev	.00003	.00028	.128	.00089	.00016	.00032	3.04
%RSD	.90244	6.5673	1.1252	.46234	.19889	.38881	1.6388

#1	.00333	.00446	11.288	.19139	.07871	.08275	183.53
#2	.00337	.00406	11.469	.19265	.07849	.08230	187.84

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0098	27.865	.12346	-.00239	2.4861	.26356	.42669
Stddev	.0040	.206	.00056	.00088	.0049	.00233	.00633
%RSD	.19740	.74034	.45761	37.082	.19852	.88537	1.4824

#1	2.0070	27.719	.12306	-.00301	2.4826	.26191	.42222
#2	2.0126	28.011	.12386	-.00176	2.4896	.26521	.43116

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0288	-.00134	.12412	1.1299	2.3447	.00836	1.9005
Stddev	.0055	.00032	.00501	.0064	.0491	.00022	.0087
%RSD	.17988	23.910	4.0333	.56396	2.0947	2.6334	.45971

#1	3.0250	-.00111	.12058	1.1254	2.3100	.00851	1.9067
#2	3.0327	-.00156	.12766	1.1344	2.3794	.00820	1.8944

Sample Name: J5081-20 Acquired: 9/27/2018 17:27:04 Type: Unk
Method: P4-ICP2(v2462) 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	1.0847	5.456	.07094	F<.00000	29.789
Stddev	.0026	.002	.00014	1.2572	.083
%RSD	.24187	.0314	.19089	5.8552	.28018

#1	1.0828	5.457	.07104	-20.583	29.730
#2	1.0866	5.455	.07085	-22.361	29.848

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2291.1	41541.	4578.2	96.635	3112.0
Stddev	6.8	85.	16.0	1.093	5.9
%RSD	.29751	.20436	.35037	1.1314	.18899

#1	2286.3	41481.	4589.5	97.408	3107.9
#2	2295.9	41601.	4566.8	95.862	3116.2

Sample Name: J5072-01 Acquired: 9/27/2018 17:31:01 Type: Unk
Method: P4-ICP2(v2462) 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	.05876	-.00108	.00273	.00526	.00279	.05028	.11180	-.00018
Stddev	.00181	.00181	.00024	.00083	.00042	.01424	.00028	.00007
%RSD	3.0836	167.06	8.9033	15.799	15.020	28.316	.24806	40.937

#1	.06004	.00020	.00290	.00467	.00249	.04022	.11161	-.00023
#2	.05748	-.00236	.00255	.00584	.00309	.06035	.11200	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	85.251	.00375	.00036	.05908	2.7314	1.0285	18.987
Stddev	.00002	.591	.00039	.00043	.00019	.0393	.0004	.049
%RSD	326.21	.69371	10.446	119.93	.31686	1.4384	.04110	.26056

#1	-.00002	84.833	.00403	.00005	.05894	2.7036	1.0288	19.022
#2	.00001	85.669	.00347	.00067	.05921	2.7592	1.0282	18.952

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00196	-.00040	78.581	.00066	.05790	10.381	.00814	.22735
Stddev	.00058	.00038	.410	.00086	.00124	.016	.00008	.00725
%RSD	29.553	94.102	.52153	129.52	2.1487	.15264	.96420	3.1877

#1	.00237	-.00067	78.291	.00006	.05702	10.392	.00808	.23247
#2	.00155	-.00014	78.871	.00127	.05877	10.370	.00820	.22222

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4810	14.634	.00206	-.00026	.08583	.5147	.51350	10.079
Stddev	.0030	.107	.00257	.00103	.01956	.0032	.00269	.282
%RSD	.05407	.72991	124.88	393.46	22.785	.6279	.52394	2.7998

#1	5.4831	14.558	.00388	.00046	.09966	.5170	.51159	10.279
#2	5.4789	14.709	.00024	-.00099	.07200	.5124	.51540	9.8795

Sample Name: J5072-01 Acquired: 9/27/2018 17:31:01 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.4286
 Stddev .5758
 %RSD 40.305

#1 1.8357
 #2 1.0214

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1960.1	35701.	3934.6	94.910	3101.2
Stddev	12.0	127.	19.7	1.592	18.1
%RSD	.61360	.35693	.50077	1.6778	.58379

#1	1951.6	35611.	3948.6	96.036	3088.4
#2	1968.6	35791.	3920.7	93.784	3114.0

Sample Name: J5072-01DUP Acquired: 9/27/2018 17:35:04 Type: Unk
Method: P4-ICP2(v2462) 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	.06431	-.00087	.00324	.00597	.00173	.03503	.11522	-.00013
Stddev	.00215	.00197	.00006	.00118	.00081	.00964	.00218	.00002
%RSD	3.3473	225.65	1.7072	19.774	46.941	27.526	1.8883	14.127

#1	.06279	-.00227	.00328	.00680	.00230	.04185	.11368	-.00014
#2	.06583	.00052	.00320	.00513	.00116	.02821	.11676	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	86.955	.00391	.00028	.06276	2.8303	1.0516	19.449
Stddev	.00008	1.050	.00033	.00008	.00010	.0508	.0017	.156
%RSD	44.319	1.2073	8.5367	29.057	.16490	1.7934	.16322	.80308

#1	.00013	86.213	.00368	.00033	.06268	2.8662	1.0528	19.339
#2	.00024	87.698	.00415	.00022	.06283	2.7944	1.0503	19.560

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00189	.00040	80.347	.00079	.05940	10.616	.00844	.22169
Stddev	.00001	.00013	1.079	.00008	.00018	.090	.00011	.00127
%RSD	.28563	31.257	1.3428	9.6694	.29788	.84685	1.2774	.57478

#1	.00190	.00031	79.584	.00084	.05952	10.553	.00852	.22259
#2	.00189	.00049	81.110	.00074	.05927	10.680	.00836	.22079

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6294	14.846	.00141	.00087	.08233	.5334	.52212	11.543
Stddev	.0170	.118	.00071	.00158	.01102	.0058	.00591	.667
%RSD	.30103	.79316	50.063	181.84	13.382	1.088	1.1326	5.7764

#1	5.6414	14.763	.00191	-.00025	.09013	.5375	.51794	12.015
#2	5.6174	14.929	.00091	.00198	.07454	.5293	.52630	11.072

Sample Name: J5072-01DUP Acquired: 9/27/2018 17:35:04 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.9569
Stddev	.3961
%RSD	20.243

#1	1.6768
#2	2.2370

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1941.1	35554.	3938.2	93.055	3062.7
Stddev	3.3	55.	29.2	.313	5.8
%RSD	.17147	.15514	.74134	.33589	.19090

#1	1938.8	35515.	3958.8	92.834	3058.6
#2	1943.5	35593.	3917.5	93.276	3066.9

Sample Name: J5072-01LX5 Acquired: 9/27/2018 17:39:06 Type: Unk
Method: P4-ICP2(v2462) 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	.01373	.00149	.00068	.00362	-.00072	.01186	.02410	.00002
Stddev	.00002	.00041	.00043	.00447	.00132	.00589	.00043	.00005
%RSD	.11294	27.303	63.021	123.41	183.23	49.659	1.7818	259.16

#1	.01372	.00178	.00038	.00678	.00021	.00769	.02380	.00005
#2	.01374	.00120	.00098	.00046	-.00166	.01602	.02441	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	17.652	.00164	.00015	.01281	.56550	.21578	3.8528
Stddev	.00007	.045	.00069	.00000	.00035	.00421	.00118	.0150
%RSD	57.082	.25444	41.850	1.8217	2.7470	.74407	.54712	.38984

#1	-.00007	17.621	.00213	.00016	.01305	.56252	.21662	3.8634
#2	-.00016	17.684	.00116	.00015	.01256	.56847	.21495	3.8421

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00063	-.00003	15.422	.00001	.01358	1.9893	.00147	.04755
Stddev	.00006	.00057	.016	.00027	.00038	.0614	.00002	.00003
%RSD	8.9143	1915.6	.10298	3914.5	2.8077	3.0881	1.0555	.05887

#1	.00067	.00037	15.433	-.00018	.01331	2.0328	.00146	.04757
#2	.00059	-.00043	15.411	.00020	.01385	1.9459	.00148	.04753

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0880	3.0808	.00076	-.00011	-.00355	.1029	.10350	5.9028
Stddev	.0005	.0120	.00016	.00193	.00032	.0013	.00004	.6209
%RSD	.04227	.39057	21.466	1802.4	8.9870	1.225	.04211	10.518

#1	1.0877	3.0893	.00088	.00126	-.00333	.1020	.10353	5.4638
#2	1.0883	3.0722	.00065	-.00147	-.00378	.1037	.10347	6.3418

Sample Name: J5072-01LX5 Acquired: 9/27/2018 17:39:06 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .56879
 Stddev .04410
 %RSD 7.7532

#1 .59997
 #2 .53760

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2046.1	36924.	3962.6	96.332	3336.0
Stddev	13.5	67.	13.3	1.653	21.7
%RSD	.66063	.18278	.33601	1.7162	.65126

#1	2036.6	36876.	3953.2	97.501	3320.7
#2	2055.7	36971.	3972.1	95.163	3351.4

Sample Name: J5072-01MS Acquired: 9/27/2018 17:43:08 Type: Unk
Method: P4-ICP2(v2462) 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	.96681	2.1438	1.0937	2.1580	.89224	2.3283	.34191	.21703	.22196
Stddev	.00322	.0009	.0007	.0012	.00176	.0068	.00094	.00027	.00074
%RSD	.33298	.04261	.05990	.05338	.19748	.29332	.27447	.12330	.33402
#1	.96453	2.1432	1.0941	2.1571	.89349	2.3331	.34257	.21722	.22143
#2	.96909	2.1445	1.0932	2.1588	.89099	2.3235	.34125	.21684	.22248
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	88.496	.43250	.21374	.37671	6.0375	1.2532	21.477	.52891	.07732
Stddev	.003	.00341	.00036	.00092	.1414	.0040	.070	.00020	.00030
%RSD	.00329	.78815	.16754	.24339	2.3419	.31617	.32708	.03776	.38644
#1	88.494	.43491	.21348	.37607	5.9376	1.2560	21.427	.52905	.07754
#2	88.498	.43009	.21399	.37736	6.1375	1.2504	21.526	.52877	.07711
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	84.165	.33584	.26859	21.541	.46322	.56700	5.6110	15.684	.73926
Stddev	.095	.00258	.00530	.038	.00079	.00318	.0030	.030	.00302
%RSD	.11280	.76832	1.9737	.17595	.17040	.56055	.05276	.18830	.40798
#1	84.233	.33401	.26484	21.514	.46266	.56476	5.6089	15.705	.74139
#2	84.098	.33766	.27233	21.568	.46378	.56925	5.6131	15.663	.73712
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.22798	2.1166	6.844	.73430	11.731	2.3323			
Stddev	.00112	.0032	.005	.00127	.610	.3291			
%RSD	.49288	.15023	.0696	.17269	5.2031	14.112			
#1	.22718	2.1144	6.841	.73340	12.163	2.5651			
#2	.22877	2.1189	6.848	.73519	11.300	2.0996			

Sample Name: J5072-01MS Acquired: 9/27/2018 17:43:08 Type: Unk
Method: P4-ICP2(v2462) 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	1935.9	35308.	3915.1	93.284	3034.2
Stddev	3.5	138.	7.1	1.418	8.6
%RSD	.18317	.39051	.18222	1.5199	.28199
#1	1933.4	35210.	3910.0	94.286	3028.1
#2	1938.4	35405.	3920.1	92.281	3040.2

Sample Name: J5072-01MSD Acquired: 9/27/2018 17:46:59 Type: Unk
Method: P4-ICP2(v2462) 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	.96390	2.1507	1.0905	2.1665	.89593	2.2940	.33925	.21675	.22223
Stddev	.00507	.0034	.0010	.0054	.00074	.0065	.00173	.00068	.00052
%RSD	.52593	.15620	.09012	.24937	.08263	.28473	.50912	.31472	.23215
#1	.96032	2.1483	1.0912	2.1703	.89541	2.2986	.34047	.21627	.22187
#2	.96748	2.1531	1.0898	2.1627	.89645	2.2893	.33803	.21723	.22260
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	88.773	.43413	.21368	.37720	6.0540	1.2493	21.419	.53093	.07707
Stddev	.523	.00310	.00011	.00033	.1273	.0048	.076	.00189	.00135
%RSD	.58890	.71320	.05100	.08812	2.1024	.38077	.35522	.35559	1.7581
#1	89.142	.43194	.21376	.37744	5.9640	1.2459	21.365	.52960	.07611
#2	88.403	.43632	.21360	.37697	6.1440	1.2526	21.473	.53227	.07802
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	84.382	.33664	.27313	21.735	.46598	.56350	5.5877	15.890	.73990
Stddev	.269	.00243	.00619	.115	.00000	.00579	.0127	.016	.00054
%RSD	.31829	.72246	2.2681	.52772	.00071	1.0268	.22790	.10277	.07357
#1	84.572	.33492	.26875	21.816	.46598	.55941	5.5787	15.901	.73951
#2	84.192	.33836	.27751	21.654	.46598	.56759	5.5967	15.878	.74028
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.22751	2.0995	6.863	.73884	10.704	2.4270			
Stddev	.00302	.0205	.023	.00434	.515	.0918			
%RSD	1.3262	.97669	.3310	.58679	4.8097	3.7806			
#1	.22964	2.1140	6.847	.74190	10.340	2.4919			
#2	.22538	2.0850	6.879	.73577	11.068	2.3621			

Sample Name: J5072-01MSD Acquired: 9/27/2018 17:46:59 Type: Unk
Method: P4-ICP2(v2462) 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	1948.0	35474.	3884.0	92.808	3058.1
Stddev	10.1	10.	19.1	1.507	9.1
%RSD	.51869	.02738	.49291	1.6237	.29879
#1	1940.9	35481.	3870.5	93.874	3051.6
#2	1955.1	35468.	3897.6	91.743	3064.6

Sample Name: J5072-01A Acquired: 9/27/2018 17:50:49 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-4 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	.96773	2.1655	1.0926	2.1738	.89604	2.2875	.33415	.21609	.22311
Stddev	.00670	.0030	.0061	.0069	.00037	.0383	.00166	.00063	.00006
%RSD	.69211	.13833	.55884	.31725	.04075	1.6752	.49566	.29169	.02664
#1	.97247	2.1634	1.0883	2.1690	.89630	2.2604	.33533	.21565	.22315
#2	.96300	2.1676	1.0969	2.1787	.89578	2.3146	.33298	.21654	.22306
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	87.513	.43889	.21436	.37989	6.0070	1.2479	21.297	.52992	.07628
Stddev	.119	.00040	.00006	.00076	.0638	.0031	.073	.00043	.00026
%RSD	.13650	.09089	.02777	.20057	1.0622	.25195	.34345	.08097	.34339
#1	87.429	.43917	.21441	.37936	5.9619	1.2456	21.245	.53022	.07610
#2	87.598	.43861	.21432	.38043	6.0521	1.2501	21.349	.52961	.07647
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	83.798	.33472	.26681	21.615	.46541	.55745	5.6124	15.948	.74006
Stddev	.061	.00247	.00269	.125	.00030	.00076	.0237	.031	.00001
%RSD	.07234	.73715	1.0069	.58047	.06504	.13577	.42181	.19345	.00146
#1	83.841	.33298	.26491	21.526	.46520	.55799	5.5957	15.969	.74007
#2	83.755	.33647	.26871	21.704	.46563	.55692	5.6291	15.926	.74006
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.22906	2.1144	6.860	.74280	10.597	1.6492			
Stddev	.00098	.0109	.010	.00002	.838	.3344			
%RSD	.42862	.51657	.1485	.00228	7.9055	20.278			
#1	.22837	2.1067	6.853	.74279	10.005	1.8857			
#2	.22976	2.1221	6.867	.74281	11.189	1.4127			

Sample Name: J5072-01A Acquired: 9/27/2018 17:50:49 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-4 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	1929.5	35633.	3900.6	94.054	3024.8
Stddev	8.6	38.	13.2	.598	9.1
%RSD	.44333	.10669	.33887	.63597	.30080
#1	1923.4	35606.	3891.2	94.477	3018.4
#2	1935.5	35660.	3909.9	93.631	3031.2

Sample Name: J5072-04 Acquired: 9/27/2018 17:54:40 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MH-5 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01834	-.00201	.01779	.00615	.00340	.35806	.23247	-.00002
Stddev	.00352	.00080	.00109	.00008	.00177	.00209	.00133	.00002
%RSD	19.181	39.588	6.1075	1.2682	52.104	.58478	.57188	69.850

#1	.01586	-.00258	.01702	.00610	.00465	.35954	.23341	-.00003
#2	.02083	-.00145	.01856	.00621	.00215	.35658	.23153	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00051	67.376	.00190	.00091	.03943	6.0420	.74397	13.036
Stddev	.00006	.599	.00092	.00010	.00022	.0093	.00019	.007
%RSD	11.858	.88962	48.655	10.679	.56644	.15449	.02542	.05252

#1	.00056	67.800	.00255	.00098	.03928	6.0486	.74384	13.032
#2	.00047	66.952	.00125	.00084	.03959	6.0354	.74411	13.041

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00327	.00008	70.270	.00100	.41845	14.410	.02460	.14342
Stddev	.00065	.00033	.715	.00037	.00640	.011	.00048	.01170
%RSD	19.838	396.71	1.0180	36.791	1.5302	.07664	1.9542	8.1601

#1	.00281	.00031	70.776	.00074	.42298	14.402	.02494	.13514
#2	.00372	-.00015	69.764	.00125	.41393	14.417	.02426	.15170

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54289	8.0980	.00397	.01751	.29667	.1368	.73521	9.4633
Stddev	.00166	.0699	.00115	.00184	.00956	.0000	.00633	.7401
%RSD	.30596	.86264	29.005	10.530	3.2230	.0184	.86111	7.8208

#1	.54407	8.1474	.00316	.01620	.30343	.1368	.73969	9.9866
#2	.54172	8.0486	.00479	.01881	.28991	.1368	.73074	8.9400

Sample Name: J5072-04 Acquired: 9/27/2018 17:54:40 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-5 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.0479
Stddev .0086
%RSD .28182

#1 3.0419
#2 3.0540

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1947.8	35650.	3948.0	93.553	3094.1
Stddev	9.3	229.	57.2	1.443	20.6
%RSD	.47999	.64322	1.4495	1.5425	.66428

#1	1941.1	35488.	3907.5	92.533	3079.6
#2	1954.4	35812.	3988.4	94.574	3108.7

Sample Name: J5072-05 Acquired: 9/27/2018 17:58:41 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MH-726 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09282	-.00318	.01200	.00611	-.00001	.06450	.37720	-.00018
Stddev	.00265	.00068	.00110	.00057	.00301	.00085	.00119	.00005
%RSD	2.8578	21.515	9.1786	9.3729	26406.	1.3158	.31421	27.894

#1	.09469	-.00367	.01122	.00571	.00212	.06510	.37636	-.00022
#2	.09094	-.00270	.01278	.00652	-.00214	.06390	.37804	-.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	121.66	-.00073	.00027	.75145	8.7075	1.9052	26.444
Stddev	.00019	.81	.00016	.00029	.00105	.2831	.0048	.140
%RSD	631.67	.66250	21.344	105.78	.13984	3.2515	.25388	.52958

#1	.00010	121.09	-.00084	.00007	.75220	8.5073	1.9018	26.345
#2	-.00016	122.23	-.00062	.00048	.75071	8.9077	1.9086	26.543

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00181	-.00018	131.28	.00054	.46314	18.467	.00882	.30226
Stddev	.00017	.00079	.73	.00074	.01578	.099	.00002	.00581
%RSD	9.3556	431.07	.55757	138.07	3.4067	.53504	.27707	1.9207

#1	-.00169	-.00074	130.76	.00001	.45198	18.397	.00883	.30637
#2	-.00193	.00037	131.80	.00106	.47429	18.537	.00880	.29816

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9348	17.076	.00510	-.00109	.10687	2.385	.88558	13.323
Stddev	.0232	.184	.00015	.00033	.00767	.018	.00431	.315
%RSD	.79034	1.0796	2.9410	30.163	7.1791	.7409	.48688	2.3614

#1	2.9512	16.946	.00521	-.00086	.10144	2.397	.88253	13.545
#2	2.9184	17.207	.00500	-.00132	.11229	2.372	.88863	13.101

Sample Name: J5072-05 Acquired: 9/27/2018 17:58:41 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MH-726 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.6620
 Stddev .0514
 %RSD 1.1031

#1 4.6257
 #2 4.6984

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1884.6	34602.	3845.4	90.874	2951.9
Stddev	15.2	111.	18.8	2.737	22.3
%RSD	.80542	.32018	.48771	3.0119	.75685

#1	1873.8	34523.	3858.6	92.809	2936.1
#2	1895.3	34680.	3832.1	88.938	2967.7

Sample Name: J5072-06 Acquired: 9/27/2018 18:02:40 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-725 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05550	-.00057	.01188	.00946	.00115	.24872	.21797	-.00017
Stddev	.00301	.00111	.00060	.00228	.00077	.00842	.00215	.00008
%RSD	5.4185	194.23	5.0345	24.139	66.643	3.3836	.98534	49.902

#1	.05338	-.00136	.01230	.00784	.00061	.24277	.21646	-.00011
#2	.05763	.00021	.01146	.01107	.00169	.25467	.21949	-.00023

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00071	114.51	.00310	.00065	.02058	9.1462	1.0632	20.052
Stddev	.00004	.60	.00010	.00010	.00028	.1793	.0003	.047
%RSD	5.5248	.52599	3.1471	14.703	1.3615	1.9602	.02344	.23242

#1	.00068	114.94	.00303	.00072	.02038	9.0194	1.0631	20.019
#2	.00074	114.09	.00317	.00059	.02078	9.2729	1.0634	20.085

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00178	-.00030	120.65	.00275	.18622	16.551	.01245	.25285
Stddev	.00027	.00015	.70	.00000	.00155	.077	.00002	.00942
%RSD	15.303	49.865	.58252	.17416	.83356	.46458	.15140	3.7260

#1	.00159	-.00040	121.14	.00275	.18512	16.497	.01247	.25951
#2	.00198	-.00019	120.15	.00275	.18732	16.605	.01244	.24618

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0876	17.336	.00303	.00851	.16965	3.468	.83338	12.511
Stddev	.0016	.023	.00010	.00150	.00154	.023	.00404	.187
%RSD	.03174	.13058	3.3361	17.576	.90713	.6571	.48526	1.4926

#1	5.0864	17.352	.00310	.00957	.17074	3.484	.83624	12.643
#2	5.0887	17.320	.00296	.00745	.16857	3.452	.83052	12.379

Sample Name: J5072-06 Acquired: 9/27/2018 18:02:40 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-725 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.8623
Stddev .2188
%RSD 4.5005

#1 5.0170
#2 4.7076

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1891.0	34752.	3885.4	93.302	2969.3
Stddev	9.9	101.	22.0	.522	13.3
%RSD	.52464	.29167	.56563	.55984	.44751

#1	1884.0	34680.	3869.9	93.672	2959.9
#2	1898.0	34823.	3901.0	92.933	2978.7

Sample Name: CCV07 Acquired: 9/27/2018 18:06:39 Type: Unk
Method: P4-ICP2(v2462) 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	5.1028	5.0972	5.0917	5.0983	5.1980	10.374	10.161	.25432
Stddev	.0101	.0210	.0000	.0141	.0028	.023	.053	.00036
%RSD	.19778	.41100	.00063	.27683	.05411	.22551	.52044	.14219
#1	5.0957	5.0824	5.0917	5.1083	5.1960	10.358	10.124	.25407
#2	5.1100	5.1120	5.0916	5.0884	5.2000	10.391	10.199	.25458
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5631	25.749	1.0256	2.5385	1.2672	5.2194	2.5696	25.427
Stddev	.0038	.215	.0026	.0015	.0006	.0127	.0070	.039
%RSD	.14783	.83428	.25358	.06074	.04483	.24417	.27317	.15393
#1	2.5604	25.597	1.0274	2.5374	1.2676	5.2285	2.5746	25.400
#2	2.5658	25.901	1.0237	2.5395	1.2668	5.2104	2.5646	25.455
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5337	1.2686	25.315	2.5531	2.6562	25.676	5.1618	5.1824
Stddev	.0035	.0019	.158	.0040	.0047	.268	.0003	.0270
%RSD	.13870	.14612	.62604	.15716	.17544	1.0437	.00640	.52140
#1	2.5313	1.2699	25.203	2.5559	2.6529	25.486	5.1620	5.1633
#2	2.5362	1.2673	25.427	2.5502	2.6595	25.865	5.1615	5.2015
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0323	5.0449	5.0073	5.1883	4.7255	5.179	5.2090	F 7.1169
Stddev	.0217	.0374	.0130	.0394	.0245	.024	.0282	.6249
%RSD	.43053	.74049	.25956	.75990	.51955	.4677	.54156	8.7798
#1	5.0170	5.0185	4.9981	5.1604	4.7081	5.161	5.1891	7.5588
#2	5.0476	5.0713	5.0165	5.2162	4.7428	5.196	5.2290	6.6751

Sample Name: CCV07 Acquired: 9/27/2018 18:06:39 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.6256
Stddev .3264
%RSD 12.430

#1 2.3948
#2 2.8563

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2023.0	36562.	3929.3	91.160	3124.4
Stddev	1.6	51.	21.9	.046	1.5
%RSD	.07887	.13955	.55698	.05004	.04818

#1	2021.9	36526.	3944.8	91.192	3125.4
#2	2024.2	36598.	3913.9	91.128	3123.3

Sample Name: CCB07 Acquired: 9/27/2018 18:10:23 Type: Unk
 Method: P4-ICP2(v2462) 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	.00297	.00176	.00014	.00061	.00134	-.01300	.00127
Stddev	.00130	.00060	.00029	.00163	.00067	.00786	.00122
%RSD	43.896	33.905	207.32	264.85	50.016	60.485	95.727

#1	.00205	.00134	-.00007	.00176	.00086	-.00744	.00213
#2	.00389	.00218	.00035	-.00054	.00181	-.01856	.00041

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00009	.00046	-.00018	.00015	-.00061	.00440
Stddev	.00002	.00004	.04281	.00045	.00006	.00005	.01319
%RSD	106.49	41.624	9400.6	250.31	42.264	8.9107	299.93

#1	-.00001	-.00011	.03073	-.00050	.00020	-.00057	-.00493
#2	-.00004	-.00006	-.02982	.00014	.00011	-.00064	.01373

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00239	-.00011	.00019	-.35192	-.00017	-.00023
Stddev	.00002	.05610	.00004	.00015	.00703	.00010	.00011
%RSD	165.23	2345.5	32.168	81.859	1.9978	62.219	47.558

#1	-.00002	.04206	-.00014	.00008	-.35690	-.00009	-.00015
#2	.00000	-.03728	-.00009	.00029	-.34695	-.00024	-.00030

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07873	.00082	-.00199	-.00441	.00346	.00031	.00207
Stddev	.02202	.00027	.01119	.00247	.00052	.00041	.00112
%RSD	27.967	32.360	562.35	55.997	15.086	133.97	53.839

#1	-.09430	.00101	.00592	-.00615	.00383	.00002	.00286
#2	-.06316	.00063	-.00990	-.00266	.00309	.00060	.00128

Sample Name: CCB07 Acquired: 9/27/2018 18:10:23 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01447	-.0003	-.00004	F 1.8892	F<.00000
Stddev	.00048	.0004	.00006	.8468	.00581
%RSD	3.3511	120.3	138.12	44.821	2.2824

#1	-.01481	-.0006	-.00000	1.2904	-.25866
#2	-.01413	-.0001	-.00008	2.4880	-.25044

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2100.6	37983.	3997.0	97.144	3507.5
Stddev	5.7	20.	.1	4.188	6.5
%RSD	.27105	.05161	.00209	4.3106	.18474

#1	2096.6	37969.	3996.9	94.183	3502.9
#2	2104.7	37997.	3997.1	100.10	3512.0

Sample Name: J5078-01 Acquired: 9/27/2018 18:14:28 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 600-WILSON-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	.01232	-.00328	.05409	-.00472	.00117	19.420	.22106	-.00009
Stddev	.00151	.00218	.00027	.00065	.00281	.110	.00111	.00003
%RSD	12.257	66.291	.50429	13.721	240.73	.56873	.50308	31.632

#1	.01339	-.00482	.05428	-.00426	.00316	19.498	.22027	-.00007
#2	.01125	-.00174	.05389	-.00518	-.00082	19.342	.22185	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00161	59.614	.04115	.00954	.13142	63.942	.59150	17.313
Stddev	.00026	.016	.00032	.00005	.00032	.579	.00147	.079
%RSD	16.187	.02651	.77714	.48638	.24259	.90563	.24907	.45893

#1	.00179	59.603	.04137	.00951	.13165	63.533	.59046	17.257
#2	.00142	59.625	.04092	.00957	.13120	64.351	.59254	17.370

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02394	-.00054	57.636	.07089	.73272	10.471	.03497	.12452
Stddev	.00034	.00030	.046	.00093	.01118	.037	.00001	.00689
%RSD	1.4354	54.726	.07974	1.3129	1.5264	.34956	.02422	5.5364

#1	.02370	-.00076	57.668	.07155	.72481	10.445	.03496	.12939
#2	.02418	-.00033	57.603	.07024	.74063	10.496	.03498	.11965

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.349	25.126	-.00182	.71216	.10985	.8655	.29507	6.6597
Stddev	.227	.229	.00029	.00200	.00529	.0014	.00052	.4006
%RSD	.72545	.91038	15.639	.28076	4.8201	.1575	.17678	6.0148

#1	31.510	24.964	-.00203	.71075	.10611	.8645	.29470	6.3764
#2	31.188	25.288	-.00162	.71357	.11360	.8665	.29544	6.9429

Sample Name: J5078-01 Acquired: 9/27/2018 18:14:28 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 600-WILSON-A Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	16.216
Stddev	.701
%RSD	4.3237

#1	16.712
#2	15.721

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1914.2	34947.	3934.3	89.990	2976.5
Stddev	22.1	201.	5.6	.886	31.3
%RSD	1.1570	.57511	.14108	.98452	1.0507

#1	1898.5	34804.	3938.3	90.616	2954.4
#2	1929.8	35089.	3930.4	89.363	2998.6

Sample Name: J5085-01 Acquired: 9/27/2018 18:18:27 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MH-720 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20791	-.00333	.20533	.00354	.02091	5.2936	.18322	-.00002
Stddev	.00349	.00151	.00100	.00137	.00007	.0336	.00102	.00006
%RSD	1.6773	45.505	.48475	38.737	.34811	.63386	.55823	265.15

#1	.21038	-.00440	.20463	.00257	.02086	5.2699	.18394	-.00006
#2	.20545	-.00226	.20603	.00451	.02096	5.3174	.18250	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00391	82.259	.02808	.00474	.21563	30.708	1.0260	20.681
Stddev	.00000	.073	.00081	.00040	.00016	.316	.0002	.004
%RSD	.03998	.08820	2.8879	8.4986	.07628	1.0293	.01633	.02001

#1	.00391	82.310	.02751	.00446	.21574	30.484	1.0261	20.684
#2	.00391	82.207	.02866	.00503	.21551	30.931	1.0258	20.678

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02408	.00038	88.289	.02549	1.9545	9.1059	.01367	.23035
Stddev	.00020	.00033	.274	.00058	.0151	.0062	.00006	.00921
%RSD	.82726	87.393	.31086	2.2582	.77377	.06752	.45080	3.9980

#1	.02394	.00061	88.483	.02590	1.9438	9.1015	.01363	.22384
#2	.02422	.00015	88.095	.02509	1.9652	9.1102	.01371	.23686

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8067	19.869	.01270	.22665	.14369	2.610	.41559	9.6457
Stddev	.0207	.020	.00113	.00330	.00343	.006	.00038	.9335
%RSD	.21110	.10006	8.8841	1.4579	2.3849	.2451	.09090	9.6774

#1	9.7921	19.883	.01350	.22899	.14127	2.615	.41586	10.306
#2	9.8214	19.855	.01190	.22432	.14612	2.606	.41533	8.9856

Sample Name: J5085-01 Acquired: 9/27/2018 18:18:27 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MH-720 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 13.972
 Stddev .555
 %RSD 3.9705

#1 13.580
 #2 14.365

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1950.7	35308.	3905.9	91.358	3021.7
Stddev	17.8	111.	18.5	.280	16.7
%RSD	.91394	.31572	.47408	.30640	.55341

#1	1938.1	35229.	3892.8	91.556	3009.9
#2	1963.3	35387.	3919.0	91.160	3033.5

Sample Name: J5085-02 Acquired: 9/27/2018 18:22:25 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MH-719 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.64318	-.00644	.30753	-.00355	.02018	13.574	.90707	.00005
Stddev	.00661	.00070	.00257	.00038	.00039	.048	.00347	.00001
%RSD	1.0280	10.801	.83442	10.681	1.9293	.35126	.38256	12.827

#1	.64785	-.00693	.30572	-.00328	.01990	13.608	.90462	.00004
#2	.63850	-.00594	.30935	-.00381	.02045	13.540	.90952	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00699	104.54	.05850	.01078	.53586	99.665	1.4943	29.441
Stddev	.00017	.58	.00105	.00033	.00373	2.208	.0022	.363
%RSD	2.4790	.55657	1.8030	3.0577	.69609	2.2153	.15053	1.2321

#1	.00686	104.13	.05775	.01055	.53850	101.23	1.4927	29.185
#2	.00711	104.96	.05925	.01102	.53322	98.104	1.4959	29.698

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04412	.00138	89.037	.05511	1.0152	10.002	.01536	.24792
Stddev	.00048	.00019	.359	.00016	.0221	.033	.00005	.00458
%RSD	1.0939	13.461	.40319	.29368	2.1750	.33229	.35503	1.8465

#1	.04446	.00151	88.783	.05522	1.0308	9.9787	.01540	.24468
#2	.04378	.00125	89.291	.05500	.99958	10.026	.01532	.25116

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.1097	30.042	.02099	.56692	.16202	12.18	.51903	5.6412
Stddev	.0259	.276	.00164	.00670	.00819	.03	.00012	1.6316
%RSD	.31929	.91983	7.8304	1.1814	5.0577	.2671	.02337	28.924

#1	8.1280	29.847	.02215	.56219	.15622	12.16	.51911	6.7949
#2	8.0914	30.238	.01983	.57166	.16781	12.21	.51894	4.4874

Sample Name: J5085-02 Acquired: 9/27/2018 18:22:25 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MH-719 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 22.201
 Stddev .118
 %RSD .53252

#1 22.118
 #2 22.285

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1934.5	35221.	3958.5	91.110	2926.0
Stddev	15.6	163.	10.5	2.377	15.9
%RSD	.80403	.46144	.26599	2.6084	.54395

#1	1923.5	35107.	3966.0	89.430	2914.8
#2	1945.5	35336.	3951.1	92.791	2937.3

Sample Name: J5085-03 Acquired: 9/27/2018 18:26:23 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-717 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2708	-.00262	.12113	-.00029	.02066	3.5717	.31821	-.00021
Stddev	.0030	.00186	.00062	.00019	.00054	.0144	.00077	.00022
%RSD	.23274	71.194	.51340	63.169	2.6270	.40169	.24131	105.76

#1	1.2688	-.00130	.12157	-.00016	.02105	3.5818	.31876	-.00036
#2	1.2729	-.00393	.12069	-.00043	.02028	3.5615	.31767	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00502	88.437	.02880	.00226	.16518	73.904	1.0864	21.553
Stddev	.00024	.185	.00013	.00003	.00004	.731	.0014	.050
%RSD	4.8422	.20930	.43788	1.2204	.02166	.98880	.12612	.23178

#1	.00485	88.306	.02888	.00228	.16516	74.420	1.0873	21.589
#2	.00519	88.568	.02871	.00224	.16521	73.387	1.0854	21.518

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01577	.00050	96.470	.02729	1.0319	9.4174	.00956	.24022
Stddev	.00029	.00078	.060	.00012	.0065	.0388	.00027	.00871
%RSD	1.8637	156.90	.06208	.43801	.62527	.41223	2.8223	3.6267

#1	.01556	-.00005	96.428	.02737	1.0365	9.4449	.00937	.23406
#2	.01598	.00105	96.512	.02720	1.0274	9.3900	.00975	.24638

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.976	17.968	.00513	.12825	.13018	9.030	.46215	8.8121
Stddev	.021	.141	.00099	.00391	.00290	.003	.00092	.4106
%RSD	.19139	.78234	19.335	3.0505	2.2287	.0327	.19852	4.6592

#1	10.991	17.869	.00583	.12549	.12813	9.032	.46150	8.5218
#2	10.961	18.068	.00443	.13102	.13224	9.027	.46279	9.1024

Sample Name: J5085-03 Acquired: 9/27/2018 18:26:23 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MH-717 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 19.277
 Stddev .284
 %RSD 1.4712

#1 19.478
 #2 19.077

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1914.6	34640.	3889.1	90.370	2965.5
Stddev	16.7	263.	3.4	1.204	20.8
%RSD	.87032	.75918	.08801	1.3324	.70061

#1	1902.8	34454.	3891.5	89.518	2950.8
#2	1926.4	34826.	3886.7	91.221	2980.2

Sample Name: J5085-04 Acquired: 9/27/2018 18:30:22 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-10.25 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .01487	k -.00808	k 37.939	k -.01479	k .01471	k 4.6739	.16240
Stddev	.01230	.00098	.145	.00057	.00082	.0110	.00281
%RSD	82.679	12.127	.38239	3.8433	5.5864	.23533	1.7288

#1	k .00618	k -.00739	k 37.836	k -.01519	k .01529	k 4.6817	.16041
#2	k .02357	k -.00877	k 38.041	k -.01439	k .01413	k 4.6661	.16438

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	k .01897	k 317.35	k .02056	k .00513	C .00000	k 66.283
Stddev	.00006	.00011	2.49	.00032	.00043	.00000	1.468
%RSD	27.481	.55777	.78468	1.5668	8.2895	.00000	2.2146

#1	-.00017	k .01890	k 315.59	k .02033	k .00483	C .00000	k 65.245
#2	-.00024	k .01905	k 319.11	k .02078	k .00543	C .00000	k 67.321

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41967	1216.8	k .01606	k -.00816	^ *****	k .01709	k 2.3439
Stddev	.00055	15.3	.00008	.00007	----	.00062	.0635
%RSD	.13114	1.2556	.48564	.82860	----	3.6406	2.7093

#1	.42006	1206.0	k .01611	k -.00811	^ ----	k .01753	k 2.2990
#2	.41929	1227.6	k .01600	k -.00821	^ ----	k .01665	k 2.3888

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	430.48	.01864	k 4.0397	kF 983.54	k 9.8356	k .02728	k .17221
Stddev	3.24	.00017	.0054	2.84	.1079	.00033	.00462
%RSD	.75268	.92068	.13310	.28866	1.0974	1.2227	2.6813

#1	428.19	.01852	k 4.0359	k 981.54	k 9.7593	k .02752	k .16895
#2	432.77	.01876	k 4.0435	k 985.55	k 9.9119	k .02704	k .17548

Sample Name: J5085-04 Acquired: 9/27/2018 18:30:22 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MH-10.25 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	2.6798	k .6645	4.8183	35.205	23.591
Stddev	.1149	.0084	.0260	.040	.281
%RSD	4.2882	1.266	.53907	.11341	1.1898

#1	2.5985	k .6586	4.7999	35.233	23.393
#2	2.7610	k .6705	4.8367	35.176	23.790

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1398.9	24698.	3370.1	74.373	1796.7
Stddev	.0	169.	28.7	1.629	4.6
%RSD	.00282	.68575	.85120	2.1905	.25451

#1	1398.9	24579.	3390.4	75.525	1793.5
#2	1398.9	24818.	3349.8	73.221	1800.0

Sample Name: J5085-05 Acquired: 9/27/2018 18:34:24 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-10.29 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02130	.00082	.15755	.00683	-.00009	.75490	.08128	-.00003
Stddev	.00172	.00215	.00339	.00091	.00495	.03975	.00042	.00000
%RSD	8.0899	260.69	2.1514	13.311	5315.0	5.2661	.52276	5.1733

#1	.02008	-.00070	.15516	.00747	.00341	.78301	.08098	-.00003
#2	.02252	.00234	.15995	.00618	-.00359	.72679	.08158	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00116	502.08	-.00457	.00101	.04758	3.3018	.11664	1563.3
Stddev	.00001	.05	.00018	.00046	.00015	.0487	.00022	2.5
%RSD	.88882	.00943	3.8299	45.336	.32480	1.4751	.19163	.15995

#1	.00116	502.04	-.00445	.00133	.04747	3.2674	.11680	1561.5
#2	.00115	502.11	-.00470	.00068	.04769	3.3363	.11648	1565.1

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00722	.00081	^ *****	.00406	.50670	608.51	.01199	5.4241
Stddev	.00146	.00059	-----	.00063	.00010	1.93	.00050	.0346
%RSD	20.207	72.586	-----	15.495	.02068	.31706	4.1845	.63785

#1	-.00826	.00122	^ -----	.00451	.50677	609.88	.01163	5.3997
#2	-.00619	.00039	^ -----	.00362	.50662	607.15	.01234	5.4486

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1401.3	5.0464	-.51261	.01590	3.9777	.6746	9.5156	46.478
Stddev	17.0	.0603	.00388	.00074	.0780	.0041	.0514	.156
%RSD	1.2155	1.1956	.75720	4.6651	1.9605	.6057	.54044	.33532

#1	1413.4	5.0891	-.51535	.01537	3.9225	.6775	9.5520	46.367
#2	1389.3	5.0037	-.50986	.01642	4.0328	.6717	9.4792	46.588

Sample Name: J5085-05 Acquired: 9/27/2018 18:34:24 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-10.29 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.2502
Stddev	.0849
%RSD	1.9983

#1	4.1901
#2	4.3102

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1332.1	23477.	3209.1	70.625	1675.4
Stddev	12.7	14.	25.1	.199	20.7
%RSD	.95102	.05939	.78238	.28109	1.2365

#1	1323.1	23487.	3191.4	70.485	1660.8
#2	1341.1	23467.	3226.9	70.766	1690.1

Sample Name: J5085-06 Acquired: 9/27/2018 18:38:33 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-714 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14709	-.00072	.12027	.00920	.00802	1.8727	.15337	-.00002
Stddev	.00000	.00096	.00126	.00217	.00160	.0196	.00043	.00017
%RSD	.00028	134.28	1.0455	23.574	19.950	1.0464	.28107	798.37

#1	.14709	-.00140	.12116	.00767	.00689	1.8865	.15368	.00010
#2	.14709	-.00004	.11938	.01074	.00916	1.8588	.15307	-.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00315	66.150	.02454	.00226	.21829	13.468	.90854	21.461
Stddev	.00015	.179	.00077	.00009	.00041	.011	.00038	.077
%RSD	4.6517	.27090	3.1413	3.9506	.18670	.07949	.04178	.35894

#1	.00304	66.277	.02399	.00232	.21800	13.461	.90827	21.407
#2	.00325	66.023	.02508	.00220	.21858	13.476	.90880	21.516

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01111	.00079	58.510	.00966	.49441	7.6220	.01000	.20054
Stddev	.00019	.00043	.099	.00140	.00355	.0292	.00009	.00426
%RSD	1.7265	54.357	.16836	14.487	.71886	.38298	.89250	2.1221

#1	.01097	.00109	58.580	.00867	.49692	7.6426	.01006	.20355
#2	.01124	.00049	58.440	.01065	.49189	7.6013	.00994	.19753

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8800	12.543	.00411	.07798	.12525	.9276	.34186	6.0807
Stddev	.0138	.035	.00043	.00005	.00289	.0001	.00012	.0622
%RSD	.23461	.27537	10.344	.06810	2.3104	.0123	.03567	1.0234

#1	5.8702	12.568	.00381	.07802	.12320	.9275	.34195	6.1247
#2	5.8897	12.519	.00441	.07795	.12729	.9276	.34178	6.0367

Sample Name: J5085-06 Acquired: 9/27/2018 18:38:33 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MH-714 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.8200
Stddev	.0985
%RSD	1.6923

#1	5.7504
#2	5.8896

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1993.5	36928.	4116.8	95.061	3136.4
Stddev	5.7	85.	25.6	.955	6.6
%RSD	.28774	.22907	.62176	1.0045	.21010

#1	1989.5	36869.	4098.7	94.386	3131.7
#2	1997.6	36988.	4134.9	95.736	3141.0

Sample Name: J5085-07 Acquired: 9/27/2018 18:42:32 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-713 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32067	-.00158	.18867	.00185	.01223	3.3168	.11143	-.00012
Stddev	.00469	.00260	.00064	.00032	.00261	.0220	.00084	.00005
%RSD	1.4614	164.35	.33782	16.984	21.326	.66352	.75387	45.478

#1	.31736	-.00342	.18912	.00163	.01408	3.3012	.11202	-.00008
#2	.32398	.00026	.18822	.00208	.01039	3.3324	.11083	-.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00778	44.078	.03189	.00396	.32195	35.013	.84590	12.931
Stddev	.00025	.240	.00036	.00019	.00099	.435	.00266	.119
%RSD	3.1684	.54382	1.1298	4.8674	.30632	1.2427	.31497	.92369

#1	.00761	44.247	.03215	.00410	.32265	35.320	.84402	13.015
#2	.00796	43.908	.03164	.00382	.32126	34.705	.84779	12.846

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02066	.00274	37.062	.02017	.92030	5.1712	.01362	.18672
Stddev	.00075	.00030	.401	.00022	.01481	.0301	.00055	.00405
%RSD	3.6363	11.133	1.0812	1.0669	1.6097	.58253	4.0477	2.1681

#1	.02120	.00295	37.346	.02032	.93077	5.1499	.01401	.18958
#2	.02013	.00252	36.779	.02002	.90982	5.1925	.01323	.18386

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3916	12.364	.00924	.12907	.10845	4.073	.20574	2.3048
Stddev	.0044	.112	.00085	.00049	.00565	.011	.00094	.1870
%RSD	.09968	.90202	9.1955	.37748	5.2105	.2657	.45739	8.1120

#1	4.3885	12.443	.00864	.12942	.11245	4.080	.20641	2.1726
#2	4.3947	12.285	.00984	.12873	.10446	4.065	.20508	2.4370

Sample Name: J5085-07 Acquired: 9/27/2018 18:42:32 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-713 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	12.925
Stddev	.832
%RSD	6.4358

#1	12.337
#2	13.513

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2022.1	37576.	4182.8	97.518	3221.3
Stddev	4.7	14.	26.6	2.034	1.9
%RSD	.23050	.03754	.63613	2.0859	.05957

#1	2018.8	37586.	4164.0	96.079	3219.9
#2	2025.4	37566.	4201.6	98.956	3222.6

Sample Name: J5101-01 Acquired: 9/27/2018 18:46:30 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: C-1329 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	-.00233	-.00082	.00114	.00165	.02000	.01906	-.00014
Stddev	.00027	.00211	.00020	.00297	.00000	.00292	.00013	.00001
%RSD	78.236	90.514	24.976	260.63	.19507	14.584	.68857	7.2688

#1	.00015	-.00382	-.00097	-.00096	.00165	.02206	.01915	-.00014
#2	.00054	-.00084	-.00068	.00324	.00165	.01793	.01896	-.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	9.0873	.00259	-.00002	.00352	4.0445	.07856	.45822
Stddev	.00000	.0129	.00007	.00009	.00030	.0217	.00046	.02077
%RSD	5.0745	.14208	2.5541	504.72	8.6431	.53661	.58936	4.5324

#1	-.00002	9.0782	.00255	.00005	.00330	4.0292	.07888	.47290
#2	-.00002	9.0964	.00264	-.00008	.00373	4.0599	.07823	.44353

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00175	-.00040	11.286	.00035	.26915	.29280	.00004	.01715
Stddev	.00013	.00036	.017	.00000	.00212	.00864	.00012	.00268
%RSD	7.4883	91.035	.15092	.92191	.78723	2.9519	267.24	15.644

#1	.00165	-.00014	11.298	.00035	.26765	.28669	-.00004	.01526
#2	.00184	-.00065	11.274	.00035	.27064	.29891	.00013	.01905

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5928	.11400	.00155	.00078	-.00941	.0071	.01221	1.0569
Stddev	.0023	.00548	.00120	.00286	.01644	.0012	.00009	.1443
%RSD	.14345	4.8067	77.533	365.07	174.70	16.73	.75221	13.652

#1	1.5944	.11788	.00240	.00281	-.02103	.0062	.01228	.95491
#2	1.5911	.11013	.00070	-.00124	.00221	.0079	.01215	1.1590

Sample Name: J5101-01 Acquired: 9/27/2018 18:46:30 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: C-1329 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.7669
 Stddev .0540
 %RSD 3.0547

#1 1.7287
 #2 1.8050

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2063.1	38715.	4195.1	102.53	3451.2
Stddev	19.7	37.	21.9	.12	22.6
%RSD	.95255	.09508	.52193	.11332	.65491

#1	2049.3	38689.	4179.6	102.61	3435.3
#2	2077.0	38741.	4210.6	102.45	3467.2

Sample Name: J5084-21 Acquired: 9/27/2018 18:50:33 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-13(1-1.5) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09087	-.02200	17.757	-.03115	.01168	183.60	.91822
Stddev	.00056	.00048	.019	.00349	.00232	.48	.00335
%RSD	.61635	2.1994	.10756	11.189	19.877	.26306	.36506

#1	.09127	-.02234	17.770	-.03362	.01004	183.94	.91585
#2	.09048	-.02165	17.743	-.02869	.01332	183.25	.92060

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00762	.01798	41.020	.23708	.11665	.63400	296.04
Stddev	.00003	.00047	.242	.00032	.00030	.00187	6.66
%RSD	.34598	2.5956	.59043	.13576	.25399	.29529	2.2492

#1	.00760	.01765	40.848	.23686	.11686	.63268	300.75
#2	.00764	.01831	41.191	.23731	.11644	.63532	291.33

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0676	38.536	.29006	.00057	1.3560	.43608	3.0342
Stddev	.0018	.053	.00072	.00033	.0297	.00113	.0667
%RSD	.05690	.13665	.24734	57.240	2.1919	.25850	2.1992

#1	3.0688	38.574	.29057	.00034	1.3350	.43688	3.0814
#2	3.0663	38.499	.28956	.00080	1.3770	.43528	2.9870

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4831	.00450	.22173	4.5928	4.0695	.28458	3.3724
Stddev	.0047	.00021	.02793	.0186	.0290	.00244	.0272
%RSD	.06326	4.7276	12.598	.40483	.71205	.85579	.80662

#1	7.4865	.00465	.24149	4.6060	4.0900	.28286	3.3531
#2	7.4798	.00435	.20198	4.5797	4.0490	.28630	3.3916

Sample Name: J5084-21 Acquired: 9/27/2018 18:50:33 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-13(1-1.5) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.6135	9.399	.26096	F<.00000	39.788
Stddev	.0011	.011	.00017	.09857	.158
%RSD	.06766	.1114	.06402	.25886	.39620
#1	1.6127	9.407	.26084	-38.148	39.676
#2	1.6142	9.392	.26108	-38.009	39.899
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2412.8	44362.	5092.7	99.096	3033.1
Stddev	7.1	47.	25.4	2.232	7.9
%RSD	.29633	.10614	.49829	2.2529	.25959
#1	2407.7	44329.	5110.6	97.517	3027.5
#2	2417.8	44396.	5074.7	100.67	3038.6

Sample Name: CCV08 Acquired: 9/27/2018 18:54:30 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB113276BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1157	5.0758	5.0891	5.1570	5.2509	10.659	10.323	.25109
Stddev	.0110	.0176	.0091	.0020	.0029	.138	.086	.00119
%RSD	.21509	.34688	.17940	.03900	.05470	1.2968	.83491	.47327
#1	5.1235	5.0883	5.0955	5.1584	5.2529	10.561	10.384	.25193
#2	5.1079	5.0634	5.0826	5.1555	5.2488	10.757	10.262	.25025
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5618	25.951	1.0066	2.5430	1.2715	5.0851	2.5426	25.314
Stddev	.0014	.083	.0009	.0049	.0029	.0063	.0004	.055
%RSD	.05308	.31843	.09285	.19385	.23159	.12302	.01509	.21679
#1	2.5628	26.009	1.0073	2.5465	1.2694	5.0807	2.5428	25.353
#2	2.5609	25.892	1.0060	2.5396	1.2736	5.0895	2.5423	25.275
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5394	1.2646	24.915	2.5355	2.5256	25.704	5.1954	5.1581
Stddev	.0032	.0065	.219	.0094	.0201	.327	.0038	.0035
%RSD	.12743	.51171	.87950	.37092	.79728	1.2703	.07346	.06853
#1	2.5417	1.2692	25.070	2.5421	2.5398	25.935	5.1981	5.1606
#2	2.5371	1.2600	24.760	2.5288	2.5114	25.473	5.1927	5.1557
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0520	4.9244	4.9934	5.2456	4.7296	5.199	5.2391	4.6423
Stddev	.0306	.0369	.0089	.0002	.0126	.025	.0541	.9952
%RSD	.60646	.74990	.17857	.00412	.26580	.4760	1.0330	21.437
#1	5.0737	4.9505	4.9997	5.2458	4.7207	5.217	5.2773	5.3460
#2	5.0304	4.8983	4.9871	5.2455	4.7385	5.182	5.2008	3.9386

Sample Name: CCV08 Acquired: 9/27/2018 18:54:30 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB113276BL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.7858
Stddev	.7435
%RSD	26.688

#1	2.2601
#2	3.3115

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2065.8	37882.	4152.8	97.946	3196.7
Stddev	6.6	26.	44.3	1.022	12.0
%RSD	.32092	.06911	1.0661	1.0433	.37681

#1	2061.2	37864.	4121.5	97.223	3188.2
#2	2070.5	37901.	4184.2	98.668	3205.2

Sample Name: CCB08 Acquired: 9/27/2018 18:58:16 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB113276BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00171	.00116	.00018	.00171	.00091	.00045	-.00070
Stddev	.00336	.00005	.00057	.00150	.00099	.01017	.00098
%RSD	196.27	4.3891	320.62	88.169	109.59	2257.6	138.83

#1	.00409	.00119	.00058	.00277	.00020	-.00674	-.00140
#2	-.00066	.00112	-.00023	.00064	.00161	.00764	-.00001

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00001	.00673	.00001	.00014	-.00058	.00029
Stddev	.00004	.00003	.00636	.00017	.00026	.00029	.00538
%RSD	271.65	470.55	94.441	2812.5	177.49	50.530	1875.3

#1	-.00005	.00003	.01123	-.00011	-.00004	-.00079	.00409
#2	.00002	-.00001	.00224	.00012	.00032	-.00037	-.00352

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.01099	.00044	-.00031	.16668	.00015	-.00021
Stddev	.00005	.00842	.00010	.00011	.00904	.00041	.00002
%RSD	331.60	76.604	22.832	36.815	5.4256	277.62	7.8438

#1	-.00002	.00504	.00037	-.00039	.16028	.00044	-.00022
#2	.00005	.01695	.00051	-.00023	.17307	-.00014	-.00019

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00689	.00053	.01132	-.00304	.00162	-.00036	-.00008
Stddev	.00466	.00002	.00029	.00466	.00273	.00057	.00106
%RSD	67.631	4.1947	2.5861	153.39	168.86	161.13	1264.0

#1	-.01018	.00054	.01153	-.00633	-.00031	-.00076	-.00083
#2	-.00359	.00051	.01111	.00026	.00354	.00005	.00067

Sample Name: CCB08 Acquired: 9/27/2018 18:58:16 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB113276BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00721	-.0003	-.00002	F .01374	F<.00000
Stddev	.00644	.0006	.00001	.94877	.20934
%RSD	89.282	230.2	49.534	6903.9	28.289

#1	-.01176	.0002	-.00002	-.65714	-.88801
#2	-.00266	-.0007	-.00001	.68462	-.59196

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2136.0	39345.	4176.0	101.69	3584.4
Stddev	1.3	82.	3.1	2.98	8.9
%RSD	.06127	.20832	.07473	2.9264	.24920

#1	2135.1	39403.	4178.2	99.581	3578.0
#2	2137.0	39287.	4173.8	103.79	3590.7

Sample Name: J5093-01 Acquired: 9/27/2018 19:02:20 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TOP-SOIL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07349	-.01450	.53264	-.00674	.00421	60.543	.79452	.00264
Stddev	.00143	.00104	.00538	.00124	.00007	.145	.00065	.00007
%RSD	1.9514	7.1649	1.0104	18.399	1.7721	.23886	.08142	2.6338

#1	.07450	-.01523	.53644	-.00761	.00416	60.645	.79407	.00259
#2	.07247	-.01376	.52883	-.00586	.00426	60.440	.79498	.00269

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01197	327.18	.16399	.05337	.37665	133.54	5.4934	117.18
Stddev	.00031	.01	.00012	.00002	.00060	2.21	.0066	.01
%RSD	2.5721	.00379	.07373	.04185	.15912	1.6578	.11929	.00676

#1	.01219	327.17	.16390	.05336	.37623	131.98	5.4980	117.17
#2	.01176	327.19	.16407	.05339	.37708	135.11	5.4887	117.18

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12460	-.00081	3.3308	.16784	1.4360	39.302	.00993	.29510
Stddev	.00142	.00005	.0275	.00083	.0197	.015	.00003	.00371
%RSD	1.1413	6.8018	.82555	.49616	1.3731	.03733	.32762	1.2566

#1	.12561	-.00077	3.3114	.16725	1.4221	39.312	.00991	.29248
#2	.12360	-.00084	3.3502	.16843	1.4500	39.291	.00995	.29772

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.440	2.9784	.01385	1.3372	.99374	20.09	.77402	6.2331
Stddev	.016	.0071	.00215	.0006	.01315	.04	.00155	.7887
%RSD	.09430	.23813	15.513	.04222	1.3232	.1845	.19990	12.654

#1	17.452	2.9834	.01233	1.3368	1.0030	20.06	.77292	6.7908
#2	17.429	2.9733	.01537	1.3376	.98444	20.11	.77511	5.6753

Sample Name: J5093-01 Acquired: 9/27/2018 19:02:20 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TOP-SOIL Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 25.966
Stddev .217
%RSD .83671

#1 25.812
#2 26.119

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2074.4	39024.	4583.5	95.820	2860.6
Stddev	3.3	177.	31.3	1.105	2.4
%RSD	.15774	.45434	.68243	1.1528	.08270

#1	2072.1	38898.	4561.4	96.601	2858.9
#2	2076.8	39149.	4605.7	95.039	2862.3

Sample Name: J5096-01 Acquired: 9/27/2018 19:06:14 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MT-T-5-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05436	-.03279	3.0736	-.08521	.00288	170.08	4.7942
Stddev	.00110	.00632	.0041	.00437	.00163	.80	.0150
%RSD	2.0297	19.272	.13392	5.1241	56.637	.47038	.31176

#1	.05358	-.03726	3.0707	-.08830	.00404	170.65	4.7836
#2	.05514	-.02832	3.0765	-.08212	.00173	169.52	4.8047

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02280	.14876	41.649	1.1554	.39113	1.8933	787.16
Stddev	.00021	.00047	.018	.0001	.00198	.0098	8.90
%RSD	.90307	.31737	.04347	.01237	.50518	.51816	1.1303

#1	.02266	.14910	41.662	1.1555	.38973	1.8864	780.87
#2	.02295	.14843	41.636	1.1553	.39253	1.9003	793.45

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.193	59.516	.53962	.01003	.62470	.50052	16.601
Stddev	.130	.020	.00226	.00156	.01274	.00449	.272
%RSD	.71360	.03299	.41849	15.520	2.0386	.89703	1.6406

#1	18.285	59.530	.53802	.00893	.61570	.49734	16.408
#2	18.101	59.503	.54121	.01113	.63371	.50369	16.793

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.435	-.00347	.59603	5.6340	3.1548	.04885	1.5750
Stddev	.071	.00025	.01858	.0020	.0843	.00048	.0023
%RSD	.45889	7.1286	3.1166	.03547	2.6718	.97280	.14711

#1	15.385	-.00365	.58289	5.6326	3.0952	.04919	1.5733
#2	15.485	-.00330	.60916	5.6354	3.2144	.04852	1.5766

Sample Name: J5096-01 Acquired: 9/27/2018 19:06:14 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MT-T-5-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.7187	23.05	.30081	F<.00000	77.338
Stddev	.0213	.01	.00042	2.2705	1.371
%RSD	1.2395	.0497	.13961	2.2476	1.7721

#1	1.7037	23.04	.30051	-99.415	76.369
#2	1.7338	23.06	.30111	-102.63	78.307

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2464.4	46163.	5446.0	96.052	2806.0
Stddev	7.9	117.	34.1	1.356	.0
%RSD	.32011	.25295	.62588	1.4121	.00019

#1	2470.0	46080.	5470.1	97.011	2806.0
#2	2458.8	46245.	5421.9	95.093	2806.0

Sample Name: J5097-03 Acquired: 9/27/2018 19:10:16 Type: Unk
Method: P4-ICP2(v2462) 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	.03688	-.01028	-.01390	-.05521	.00178	239.10	.29053
Stddev	.00508	.00247	.00285	.00009	.00270	.80	.00188
%RSD	13.761	24.053	20.491	.15719	152.04	.33252	.64749

#1	.03329	-.00853	-.01591	-.05527	-.00013	239.66	.29186
#2	.04047	-.01203	-.01188	-.05515	.00369	238.54	.28920

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01652	.01234	7.0233	.20616	.19887	.31187	432.95
Stddev	.00028	.00073	.0200	.00008	.00049	.00115	5.79
%RSD	1.6731	5.8795	.28503	.03695	.24413	.36780	1.3374

#1	.01633	.01183	7.0374	.20610	.19853	.31106	437.04
#2	.01672	.01285	7.0091	.20621	.19921	.31268	428.86

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3788	31.064	.18477	-.00141	.30561	.31614	.32016
Stddev	.0158	.106	.00059	.00118	.00315	.00026	.00209
%RSD	.36138	.34031	.31676	84.083	1.0302	.08342	.65391

#1	4.3676	30.989	.18518	-.00057	.30784	.31595	.32164
#2	4.3900	31.139	.18436	-.00225	.30338	.31633	.31868

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5200	-.00180	.27978	1.4040	5.0589	.02242	.48834
Stddev	.0179	.00050	.00127	.0021	.0360	.00114	.00727
%RSD	.32499	27.784	.45217	.14899	.71111	5.0687	1.4887

#1	5.5327	-.00145	.27889	1.4054	5.0335	.02161	.48320
#2	5.5073	-.00215	.28068	1.4025	5.0844	.02322	.49348

Sample Name: J5097-03 Acquired: 9/27/2018 19:10:16 Type: Unk
 Method: P4-ICP2(v2462) 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	.87492	6.396	.04989	F<.00000	41.811
Stddev	.00117	.008	.00001	.46074	.021
%RSD	.13316	.1266	.01940	.85467	.04960
#1	.87575	6.402	.04990	-54.235	41.826
#2	.87410	6.391	.04989	-53.583	41.796
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2355.8	42583.	4859.2	98.705	3028.7
Stddev	5.0	65.	2.5	1.048	4.6
%RSD	.21138	.15285	.05065	1.0615	.15256
#1	2352.3	42629.	4860.9	97.964	3025.4
#2	2359.3	42537.	4857.4	99.446	3031.9

Sample Name: J5097-05 Acquired: 9/27/2018 19:14:16 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11142	-.01321	.18441	-.02941	.00100	145.94	.66417
Stddev	.00711	.00352	.00077	.00154	.00143	.59	.00325
%RSD	6.3859	26.638	.41883	5.2197	143.07	.40684	.48992

#1	.11645	-.01570	.18386	-.02832	.00201	145.52	.66647
#2	.10639	-.01072	.18495	-.03050	-.00001	146.36	.66187

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00776	.00784	12.721	.18830	.09323	.40487	284.83
Stddev	.00020	.00056	.066	.00075	.00098	.00074	6.12
%RSD	2.5649	7.1249	.51656	.40058	1.0561	.18320	2.1500

#1	.00790	.00745	12.674	.18883	.09253	.40539	289.16
#2	.00762	.00824	12.767	.18776	.09392	.40434	280.50

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0657	27.420	.17035	.00116	.23153	.27174	.58330
Stddev	.0102	.080	.00079	.00100	.00619	.00061	.01452
%RSD	.25109	.29226	.46330	86.659	2.6726	.22552	2.4885

#1	4.0584	27.477	.17091	.00187	.22715	.27217	.59356
#2	4.0729	27.363	.16979	.00045	.23591	.27130	.57303

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1228	.00059	.23806	1.3241	5.2037	.01749	.80998
Stddev	.0416	.00004	.00726	.0038	.0791	.00221	.00116
%RSD	.45578	7.0015	3.0476	.28581	1.5208	12.632	.14366

#1	9.1522	.00056	.24319	1.3214	5.2597	.01905	.80916
#2	9.0934	.00062	.23293	1.3268	5.1478	.01593	.81081

Sample Name: J5097-05 Acquired: 9/27/2018 19:14:16 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-3 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.2596	10.61	.06439	F<.00000	35.476
Stddev	.0076	.01	.00011	.64554	.274
%RSD	.60397	.1286	.16970	1.7582	.77362

#1	1.2650	10.62	.06447	-37.173	35.670
#2	1.2542	10.60	.06431	-36.260	35.281

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2458.5	44508.	5074.3	98.374	3102.7
Stddev	14.9	2.	16.6	2.493	15.8
%RSD	.60408	.00501	.32650	2.5337	.50967

#1	2448.0	44509.	5062.6	96.611	3091.5
#2	2469.0	44506.	5086.0	100.14	3113.9

Sample Name: J5097-07 Acquired: 9/27/2018 19:18:18 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11641	-.01186	.19350	-.03453	.00233	150.56	.81706
Stddev	.00457	.00013	.00041	.00023	.00106	.42	.00176
%RSD	3.9264	1.1321	.21134	.67245	45.624	.27944	.21537

#1	.11964	-.01176	.19322	-.03437	.00308	150.27	.81831
#2	.11317	-.01195	.19379	-.03470	.00158	150.86	.81582

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01147	.01057	7.4463	.17375	.10608	.26085	375.34
Stddev	.00013	.00004	.0222	.00235	.00006	.00008	2.39
%RSD	1.1334	.37198	.29839	1.3502	.05800	.02963	.63686

#1	.01156	.01060	7.4620	.17209	.10613	.26090	377.03
#2	.01138	.01054	7.4306	.17541	.10604	.26079	373.65

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8752	23.932	.18955	.00320	.15475	.26312	.71044
Stddev	.0038	.075	.00068	.00006	.00135	.00228	.00482
%RSD	.06479	.31329	.35818	1.8826	.87453	.86626	.67890

#1	5.8725	23.879	.18907	.00325	.15379	.26151	.71385
#2	5.8779	23.985	.19003	.00316	.15571	.26473	.70703

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4599	.00076	.29503	.93418	3.6772	.02032	.61704
Stddev	.0118	.00006	.00945	.00404	.0222	.00017	.00402
%RSD	.15770	8.1587	3.2035	.43286	.60292	.85149	.65082

#1	7.4516	.00072	.30171	.93132	3.6929	.02020	.61420
#2	7.4682	.00080	.28834	.93704	3.6615	.02045	.61988

Sample Name: J5097-07 Acquired: 9/27/2018 19:18:18 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-4 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.1934	10.90	.04793	F<.00000	41.511
Stddev	.0102	.02	.00044	.62666	.128
%RSD	.85751	.2214	.91283	1.3172	.30947

#1	1.1862	10.92	.04762	-47.131	41.602
#2	1.2006	10.88	.04824	-48.017	41.420

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2482.3	45026.	5114.1	97.347	3060.3
Stddev	20.9	65.	13.0	1.051	21.5
%RSD	.84159	.14358	.25476	1.0796	.70250

#1	2467.5	44980.	5104.9	96.604	3045.1
#2	2497.1	45072.	5123.3	98.090	3075.5

Sample Name: J5099-01 Acquired: 9/27/2018 19:22:19 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 7211975 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03732	-.03332	.34406	-.03678	.00186	98.674	.24173
Stddev	.00210	.00137	.00161	.00504	.00157	.187	.00093
%RSD	5.6254	4.1134	.46932	13.697	84.219	.18969	.38283

#1	.03584	-.03235	.34520	-.04034	.00075	98.806	.24238
#2	.03881	-.03428	.34292	-.03322	.00297	98.541	.24107

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00586	.01291	89.472	.14767	.14852	.80934	281.85
Stddev	.00002	.00016	.040	.00146	.00085	.00242	3.40
%RSD	.32014	1.2470	.04454	.98956	.57305	.29935	1.2062

#1	.00587	.01303	89.500	.14663	.14912	.81106	279.44
#2	.00585	.01280	89.444	.14870	.14791	.80763	284.25

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0377	78.654	.17723	-.00376	222.46	.38655	2.0656
Stddev	.0002	.363	.00089	.00012	.53	.00229	.0340
%RSD	.00477	.46119	.50496	3.0748	.23974	.59274	1.6439

#1	4.0379	78.911	.17786	-.00384	222.83	.38493	2.0416
#2	4.0376	78.398	.17659	-.00368	222.08	.38817	2.0896

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.092	.00343	1.3390	2.8487	3.7924	.04364	4.5257
Stddev	.085	.00020	.0154	.0066	.0569	.00105	.0022
%RSD	.38688	5.7388	1.1492	.23047	1.5009	2.4087	.04782

#1	22.032	.00329	1.3281	2.8534	3.7521	.04438	4.5272
#2	22.153	.00357	1.3499	2.8441	3.8326	.04289	4.5241

Sample Name: J5099-01 Acquired: 9/27/2018 19:22:19 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 7211975 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.2678	2.539	.24180	F<.00000	39.499
Stddev	.0039	.005	.00043	.07406	.216
%RSD	.30880	.2180	.17959	.33996	.54680

#1	1.2651	2.543	.24211	-21.839	39.346
#2	1.2706	2.535	.24150	-21.734	39.652

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2093.7	39107.	4570.1	95.174	2784.6
Stddev	10.6	33.	7.7	1.166	13.4
%RSD	.50553	.08321	.16809	1.2248	.47959

#1	2086.2	39084.	4575.5	95.998	2775.2
#2	2101.2	39130.	4564.6	94.350	2794.0

Sample Name: J5100-01 Acquired: 9/27/2018 19:26:18 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HS-STONE-RO- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03353	-.04945	8.4588	-.02114	.01008	59.973	.76454
Stddev	.00048	.00057	.0147	.00491	.00265	.310	.00536
%RSD	1.4247	1.1471	.17391	23.211	26.265	.51758	.70074

#1	.03386	-.04986	8.4484	-.01767	.01196	59.753	.76833
#2	.03319	-.04905	8.4692	-.02461	.00821	60.192	.76075

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00418	.02062	125.98	.12862	.14076	1.0922	373.37
Stddev	.00000	.00141	.71	.00023	.00057	.0051	9.83
%RSD	.00359	6.8335	.56135	.17800	.40388	.46848	2.6333

#1	.00418	.01962	126.48	.12846	.14116	1.0958	380.32
#2	.00418	.02162	125.48	.12879	.14036	1.0886	366.41

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1974	37.191	.18789	.00746	2.8509	.21100	2.1692
Stddev	.0001	.093	.00066	.00116	.0145	.00036	.0627
%RSD	.00331	.25120	.35016	15.528	.50746	.16897	2.8888

#1	3.1973	37.257	.18835	.00828	2.8611	.21075	2.2136
#2	3.1974	37.125	.18742	.00664	2.8406	.21126	2.1249

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.552	.06471	.35402	20.268	5.3655	.28767	4.5047
Stddev	.110	.00025	.00922	.018	.0710	.00174	.0022
%RSD	.46851	.38152	2.6054	.08656	1.3228	.60342	.04893

#1	23.630	.06488	.36054	20.280	5.4157	.28890	4.5062
#2	23.474	.06453	.34750	20.255	5.3153	.28645	4.5031

Sample Name: J5100-01 Acquired: 9/27/2018 19:26:18 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HS-STONE-RO- Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.73303	26.35	.19384	F<.00000	41.954
Stddev	.02281	.06	.00071	1.0892	.281
%RSD	3.1116	.2362	.36443	1.7693	.66990

#1	.71690	26.31	.19434	-62.329	42.153
#2	.74916	26.40	.19335	-60.789	41.755

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2934.9	55406.	6460.2	98.215	2866.1
Stddev	10.0	.	51.0	3.033	7.3
%RSD	.34086	.00071	.78875	3.0886	.25558

#1	2927.8	55406.	6424.2	96.070	2860.9
#2	2941.9	55405.	6496.2	100.36	2871.3

Sample Name: J5102-01 Acquired: 9/27/2018 19:30:09 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: C-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06972	-.00414	13.062	-.01027	.19594	47.643	.22208
Stddev	.00119	.00234	.010	.00666	.00234	.041	.00280
%RSD	1.7004	56.549	.07509	64.900	1.1918	.08683	1.2609

#1	.06888	-.00248	13.055	-.00555	.19429	47.672	.22406
#2	.07056	-.00579	13.069	-.01498	.19759	47.614	.22010

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00184	.00266	5.8572	.13258	.01012	.24027	95.855
Stddev	.00002	.00036	.0207	.00111	.00001	.00038	3.178
%RSD	1.2599	13.378	.35302	.83401	.14519	.15792	3.3151

#1	.00185	.00241	5.8719	.13180	.01013	.24054	98.102
#2	.00182	.00291	5.8426	.13337	.01011	.24000	93.608

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31576	2.5010	.02644	-.00017	.21263	.13978	.52531
Stddev	.00041	.0713	.00006	.00065	.01986	.00188	.01693
%RSD	.12842	2.8506	.21420	390.21	9.3387	1.3430	3.2236

#1	.31548	2.4506	.02640	.00029	.19859	.13845	.53728
#2	.31605	2.5514	.02648	-.00062	.22667	.14111	.51333

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8047	.02072	.07106	1.9818	3.3882	.05706	.46290
Stddev	.0424	.00016	.00533	.0036	.0569	.00133	.00257
%RSD	2.3473	.77760	7.5062	.18323	1.6801	2.3361	.55426

#1	1.8346	.02061	.07483	1.9843	3.4285	.05800	.46472
#2	1.7747	.02083	.06728	1.9792	3.3480	.05612	.46109

Sample Name: J5102-01 Acquired: 9/27/2018 19:30:09 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: C-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12952	1.882	.03343	F<.00000	17.264
Stddev	.01385	.005	.00012	.21582	.112
%RSD	10.691	.2472	.37244	1.7530	.64617

#1	.11973	1.885	.03334	-12.464	17.185
#2	.13931	1.879	.03351	-12.159	17.343

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2237.7	41841.	4673.7	103.33	3348.7
Stddev	3.4	24.	36.9	3.49	5.7
%RSD	.15160	.05780	.79033	3.3756	.16965

#1	2235.3	41858.	4647.6	100.87	3344.7
#2	2240.1	41824.	4699.8	105.80	3352.7

Sample Name: J5066-01 Acquired: 9/27/2018 19:34:07 Type: Unk
Method: P4-ICP2(v2462) 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	.03744	-.01898	.36827	-.02500	-.00006	177.94	.78924
Stddev	.00105	.00124	.00481	.00358	.00175	.61	.00439
%RSD	2.8068	6.5397	1.3074	14.315	2745.0	.34308	.55586

#1	.03818	-.01810	.37167	-.02753	-.00130	178.37	.79234
#2	.03669	-.01986	.36486	-.02247	.00118	177.50	.78614

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00579	.00852	19.851	.24753	.09792	.22828	234.21
Stddev	.00014	.00091	.061	.00279	.00011	.00086	6.55
%RSD	2.4756	10.721	.30790	1.1269	.11730	.37778	2.7959

#1	.00569	.00916	19.894	.24556	.09800	.22767	229.58
#2	.00590	.00787	19.808	.24951	.09784	.22889	238.84

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.2527	36.082	.30173	-.00309	.87119	.35058	.82408
Stddev	.0088	.212	.00071	.00126	.00359	.00270	.02258
%RSD	.14055	.58808	.23403	40.899	.41158	.76974	2.7403

#1	6.2589	36.232	.30123	-.00399	.86866	.34867	.80811
#2	6.2464	35.932	.30223	-.00220	.87373	.35249	.84005

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4566	.00071	.17377	1.9291	3.6782	.02639	2.2044
Stddev	.0215	.00013	.01110	.0092	.0386	.00057	.0004
%RSD	.22772	18.320	6.3849	.47851	1.0501	2.1689	.01905

#1	9.4413	.00062	.16593	1.9225	3.7055	.02599	2.2041
#2	9.4718	.00080	.18162	1.9356	3.6509	.02680	2.2047

Sample Name: J5066-01 Acquired: 9/27/2018 19:34:07 Type: Unk
 Method: P4-ICP2(v2462) 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	1.2029	5.510	.11933	F<.00000	32.396
Stddev	.0035	.015	.00018	1.6627	.427
%RSD	.29231	.2643	.14750	6.4750	1.3165

#1	1.2004	5.500	.11945	-24.502	32.698
#2	1.2054	5.520	.11921	-26.854	32.095

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2293.0	41504.	4734.4	100.04	3109.6
Stddev	9.4	92.	25.2	2.57	14.2
%RSD	.41052	.22250	.53129	2.5655	.45512

#1	2286.4	41439.	4716.6	101.86	3099.6
#2	2299.7	41569.	4752.2	98.227	3119.6

Sample Name: J5066-02 Acquired: 9/27/2018 19:38:05 Type: Unk
Method: P4-ICP2(v2462) 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	.02593	-.02162	.22424	-.02414	.00200	158.03	.51960
Stddev	.00209	.00204	.00221	.00256	.00170	.31	.00346
%RSD	8.0719	9.4598	.98517	10.621	85.283	.19930	.66599

#1	.02741	-.02306	.22268	-.02232	.00079	158.25	.51715
#2	.02445	-.02017	.22580	-.02595	.00320	157.80	.52204

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00592	.00601	13.246	.22893	.09254	.20360	233.16
Stddev	.00013	.00027	.113	.00077	.00009	.00141	1.95
%RSD	2.1273	4.5781	.85616	.33721	.09809	.69472	.83537

#1	.00583	.00581	13.166	.22838	.09260	.20260	234.54
#2	.00601	.00620	13.326	.22947	.09247	.20460	231.78

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7029	42.661	.30054	-.00296	1.0566	.34566	.56250
Stddev	.0120	.525	.00049	.00068	.0051	.00206	.00532
%RSD	.25435	1.2318	.16298	22.934	.48371	.59568	.94515

#1	4.7114	42.290	.30019	-.00248	1.0530	.34711	.56626
#2	4.6945	43.033	.30088	-.00344	1.0602	.34420	.55874

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3669	-.00027	.17280	1.7285	4.5093	.01653	2.9995
Stddev	.0642	.00086	.00271	.0153	.0556	.00008	.0049
%RSD	.68556	323.38	1.5668	.88685	1.2324	.45876	.16449

#1	9.3215	.00034	.17471	1.7394	4.5486	.01648	3.0030
#2	9.4123	-.00088	.17088	1.7177	4.4700	.01659	2.9960

Sample Name: J5066-02 Acquired: 9/27/2018 19:38:05 Type: Unk
Method: P4-ICP2(v2462) 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	1.2735	6.583	.08251	F<.00000	31.247
Stddev	.0014	.003	.00020	1.5018	.839
%RSD	.10999	.0397	.24439	6.2424	2.6841

#1	1.2726	6.581	.08237	-22.996	30.654
#2	1.2745	6.584	.08265	-25.120	31.840

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2321.9	41892.	4761.4	97.908	3120.1
Stddev	4.8	135.	25.9	.968	7.9
%RSD	.20727	.32161	.54486	.98826	.25355

#1	2318.5	41797.	4779.7	97.224	3114.5
#2	2325.3	41988.	4743.0	98.592	3125.7

Sample Name: CCV09 Acquired: 9/27/2018 19:42:06 Type: Unk
Method: P4-ICP2(v2462) 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	5.1365	5.1287	5.0831	5.1537	5.2807	10.836	10.118	.25226
Stddev	.0181	.0199	.0036	.0184	.0157	.067	.011	.00008
%RSD	.35272	.38853	.07068	.35749	.29647	.61493	.11220	.03129
#1	5.1493	5.1146	5.0857	5.1667	5.2917	10.883	10.126	.25221
#2	5.1237	5.1428	5.0806	5.1407	5.2696	10.788	10.109	.25232
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5697	25.449	1.0092	2.5422	1.2839	5.2916	2.5515	24.928
Stddev	.0042	.108	.0016	.0074	.0036	.0167	.0002	.108
%RSD	.16460	.42259	.16162	.29232	.28314	.31498	.00947	.43289
#1	2.5667	25.373	1.0080	2.5370	1.2865	5.3034	2.5514	24.852
#2	2.5727	25.525	1.0103	2.5475	1.2814	5.2799	2.5517	25.004
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5384	1.2578	24.842	2.5443	2.6009	25.619	5.1998	5.1929
Stddev	.0066	.0003	.031	.0004	.0146	.014	.0175	.0340
%RSD	.26051	.02673	.12520	.01433	.56075	.05563	.33646	.65415
#1	2.5337	1.2581	24.864	2.5440	2.5906	25.629	5.2122	5.2169
#2	2.5431	1.2576	24.820	2.5446	2.6112	25.609	5.1875	5.1689
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0701	4.8866	4.9685	5.1880	4.7621	5.214	5.2110	F 6.5639
Stddev	.0036	.0179	.0176	.0085	.0098	.020	.0130	.5166
%RSD	.07143	.36683	.35396	.16329	.20486	.3846	.24903	7.8703
#1	5.0727	4.8739	4.9561	5.1940	4.7690	5.200	5.2202	6.9292
#2	5.0676	4.8993	4.9809	5.1820	4.7552	5.228	5.2018	6.1986

Sample Name: CCV09 Acquired: 9/27/2018 19:42:06 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.8297
 Stddev .3863
 %RSD 13.652

#1 2.5566
 #2 3.1029

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2053.5	37524.	4154.6	94.707	3180.5
Stddev	5.1	170.	2.8	.458	2.4
%RSD	.24918	.45371	.06666	.48379	.07513

#1	2049.9	37404.	4156.6	95.031	3182.2
#2	2057.1	37645.	4152.7	94.383	3178.8

Sample Name: CCB09 Acquired: 9/27/2018 19:45:51 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00091	-.00064	-.00028	.00094	.00134	-.00032	.00080
Stddev	.00719	.00044	.00021	.00287	.00086	.00160	.00061
%RSD	788.85	69.565	73.102	304.81	64.196	500.98	76.733

#1	.00599	-.00032	-.00043	-.00109	.00195	.00081	.00123
#2	-.00417	-.00095	-.00014	.00297	.00073	-.00145	.00037

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00005	-.00724	-.00002	.00008	-.00105	.00201
Stddev	.00009	.00012	.01666	.00075	.00008	.00009	.00023
%RSD	210.12	232.94	230.12	3473.9	110.42	8.0869	11.481

#1	.00010	.00003	-.01902	-.00055	.00013	-.00099	.00218
#2	-.00002	-.00014	.00454	.00051	.00002	-.00111	.00185

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.02361	.00042	.00006	-.19438	.00014	-.00030
Stddev	.00001	.01574	.00004	.00105	.02432	.00036	.00002
%RSD	8.4426	66.692	9.2106	1692.9	12.510	257.01	7.6311

#1	.00008	-.01247	.00045	.00081	-.21157	.00039	-.00029
#2	.00009	-.03474	.00040	-.00068	-.17719	-.00011	-.00032

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05311	.00082	.01225	-.00342	-.00049	-.00032	.00184
Stddev	.01693	.00014	.00386	.00520	.00145	.00045	.00073
%RSD	31.870	17.629	31.541	152.15	296.40	140.68	39.464

#1	-.06508	.00092	.01498	.00026	.00054	-.00063	.00133
#2	-.04114	.00071	.00952	-.00709	-.00151	-.00000	.00235

Sample Name: CCB09 Acquired: 9/27/2018 19:45:51 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00354	-.0001	.00008	F 2.1669	F<.00000
Stddev	.00500	.0001	.00006	.4381	.44731
%RSD	141.11	115.1	72.064	20.217	57.150

#1	-.00708	-.0002	.00004	2.4766	-.46641
#2	-.00001	-.0000	.00012	1.8571	-1.0990

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2135.9	38918.	4127.9	98.713	3574.8
Stddev	6.5	175.	48.1	1.265	9.8
%RSD	.30516	.44956	1.1663	1.2813	.27459

#1	2131.3	38794.	4093.8	99.607	3567.8
#2	2140.5	39041.	4161.9	97.818	3581.7

Sample Name: J5066-03 Acquired: 9/27/2018 19:49:56 Type: Unk
Method: P4-ICP2(v2462) 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	.02713	-.01849	.33827	-.02813	-.00256	139.36	.58731
Stddev	.00165	.00208	.00054	.00508	.00226	.02	.00215
%RSD	6.0708	11.232	.15880	18.073	88.027	.01127	.36635

#1	.02596	-.01996	.33865	-.02453	-.00097	139.35	.58883
#2	.02829	-.01702	.33789	-.03172	-.00416	139.37	.58579

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00596	.00662	34.093	.20055	.09422	.22196	234.93
Stddev	.00005	.00043	.046	.00170	.00040	.00026	4.23
%RSD	.83138	6.4887	.13536	.84536	.42490	.11713	1.7985

#1	.00593	.00631	34.061	.19935	.09450	.22177	237.91
#2	.00600	.00692	34.126	.20175	.09393	.22214	231.94

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6916	42.730	.33143	-.00253	.86948	.28176	.68598
Stddev	.0143	.199	.00121	.00036	.00203	.00048	.00893
%RSD	.30557	.46677	.36632	14.129	.23374	.16903	1.3013

#1	4.6815	42.871	.33057	-.00228	.86804	.28210	.69229
#2	4.7018	42.589	.33228	-.00278	.87092	.28143	.67967

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.6892	.00029	.17261	2.1463	3.5409	.12012	2.3996
Stddev	.0394	.00073	.00789	.0040	.0088	.00054	.0064
%RSD	.51250	250.17	4.5691	.18427	.24958	.45239	.26657

#1	7.6613	.00081	.17819	2.1435	3.5471	.11973	2.3951
#2	7.7171	-.00023	.16704	2.1491	3.5346	.12050	2.4041

Sample Name: J5066-03 Acquired: 9/27/2018 19:49:56 Type: Unk
 Method: P4-ICP2(v2462) 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	1.1460	5.034	.16378	F<.00000	31.974
Stddev	.0085	.001	.00027	.50506	.226
%RSD	.74325	.0104	.16506	2.3585	.70669
#1	1.1520	5.035	.16359	-21.771	31.815
#2	1.1400	5.034	.16397	-21.057	32.134
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2282.9	41247.	4679.4	96.386	3088.5
Stddev	5.0	43.	8.6	1.530	6.1
%RSD	.21817	.10458	.18275	1.5875	.19823
#1	2279.4	41277.	4685.4	95.304	3084.1
#2	2286.4	41216.	4673.4	97.468	3092.8

Sample Name: J5110-01 Acquired: 9/27/2018 19:53:49 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LP-NU-1-BSMT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02622	-.02602	.06196	-.00184	-.00016	251.17	.25126	.00138
Stddev	.00393	.00190	.00302	.00446	.00062	.01	.00161	.00003
%RSD	14.976	7.3209	4.8815	241.82	396.31	.00350	.63931	2.5190

#1	.02899	-.02467	.05982	.00131	-.00059	251.17	.25240	.00136
#2	.02344	-.02737	.06409	-.00500	.00028	251.16	.25013	.00141

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00173	830.27	.10135	.03410	.03826	8.4725	.29127	109.81
Stddev	.00041	.90	.00053	.00022	.00015	.0266	.00149	.53
%RSD	23.447	.10855	.52595	.64379	.39021	.31353	.51125	.48131

#1	.00144	829.63	.10097	.03395	.03816	8.4913	.29232	109.43
#2	.00201	830.90	.10172	.03426	.03837	8.4537	.29022	110.18

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10818	-.00210	14.030	.13310	2.3726	9.2860	.00087	.09245
Stddev	.00000	.00059	.015	.00057	.0121	.0046	.00032	.00729
%RSD	.00333	28.173	.10423	.42569	.50967	.04984	36.969	7.8905

#1	.10817	-.00252	14.041	.13270	2.3811	9.2827	.00109	.09761
#2	.10818	-.00168	14.020	.13350	2.3640	9.2893	.00064	.08729

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.56	1.4785	-.03888	4.6465	.46492	5.402	2.4813	58.777
Stddev	.04	.0251	.00067	.0409	.00782	.005	.0024	.136
%RSD	.02858	1.6970	1.7299	.87929	1.6811	.0859	.09756	.23116

#1	152.53	1.4608	-.03841	4.6176	.45939	5.405	2.4830	58.874
#2	152.59	1.4963	-.03936	4.6753	.47045	5.398	2.4796	58.681

Sample Name: J5110-01 Acquired: 9/27/2018 19:53:49 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LP-NU-1-BSMT Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.6734
Stddev .2175
%RSD 5.9199

#1 3.5196
#2 3.8271

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1913.2	34908.	4184.8	92.122	2655.2
Stddev	3.7	30.	10.0	.622	5.1
%RSD	.19245	.08733	.23846	.67554	.19217

#1	1910.6	34886.	4191.8	91.682	2651.6
#2	1915.8	34929.	4177.7	92.562	2658.9

Sample Name: J5110-02 Acquired: 9/27/2018 19:57:52 Type: Unk
Method: P4-ICP2(v2462) 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	.02608	-.00403	.02924	-.00093	-.00105	15.884	.09019	.00050
Stddev	.00131	.00338	.00113	.00468	.00180	.250	.00116	.00006
%RSD	5.0093	83.925	3.8548	505.91	171.14	1.5742	1.2913	12.326
#1	.02701	-.00642	.02844	.00238	-.00232	16.061	.09101	.00045
#2	.02516	-.00164	.03003	-.00424	.00022	15.707	.08937	.00054
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00096	1494.7	.02190	.00602	.01692	10.324	.73901	720.80
Stddev	.00007	6.7	.00038	.00019	.00016	.172	.00040	1.56
%RSD	7.6784	.44920	1.7572	3.0789	.91844	1.6670	.05404	.21626
#1	.00091	1499.5	.02162	.00589	.01703	10.202	.73872	721.90
#2	.00101	1490.0	.02217	.00615	.01681	10.445	.73929	719.69
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03411	-.00246	5.1242	.01643	9.1225	3.5960	.00056	.02487
Stddev	.00055	.00032	.0610	.00014	.0931	.0120	.00056	.00303
%RSD	1.6036	13.008	1.1908	.87824	1.0202	.33264	100.64	12.171
#1	.03450	-.00224	5.1673	.01654	9.0567	3.6045	.00095	.02273
#2	.03372	-.00269	5.0810	.01633	9.1883	3.5876	.00016	.02701
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	197.82	4.5049	-.04476	.64217	.38397	1.349	1.3198	F 114.15
Stddev	.00	.0105	.00046	.00250	.00802	.001	.0034	.81
%RSD	.00128	.23292	1.0348	.38928	2.0896	.0369	.25741	.71273
#1	197.82	4.5124	-.04509	.64393	.37830	1.350	1.3222	113.57
#2	197.82	4.4975	-.04443	.64040	.38965	1.349	1.3174	114.72

Sample Name: J5110-02 Acquired: 9/27/2018 19:57:52 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.5394
Stddev .2991
%RSD 5.3995

#1 5.3279
#2 5.7509

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1704.5	32033.	4014.8	86.135	2401.7
Stddev	12.3	104.	9.9	.676	8.2
%RSD	.72415	.32575	.24717	.78506	.34190

#1	1695.8	31959.	4007.8	86.613	2395.9
#2	1713.2	32106.	4021.8	85.657	2407.5

Sample Name: J5066-07 Acquired: 9/27/2018 20:01:56 Type: Unk
Method: P4-ICP2(v2462) 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	.02160	-.01405	.29764	-.01895	-.00013	104.25	.54675
Stddev	.00015	.00145	.00085	.00053	.00115	.11	.00072
%RSD	.69381	10.311	.28418	2.7916	863.69	.10184	.13239

#1	.02149	-.01508	.29823	-.01933	.00068	104.17	.54624
#2	.02170	-.01303	.29704	-.01858	-.00095	104.32	.54726

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00483	.00612	29.726	.14354	.08002	.21141	179.72
Stddev	.00015	.00008	.092	.00159	.00015	.00059	.19
%RSD	3.1898	1.3543	.30841	1.1054	.18689	.27783	.10445

#1	.00494	.00618	29.662	.14466	.08012	.21183	179.86
#2	.00472	.00607	29.791	.14242	.07991	.21100	179.59

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2304	37.313	.28581	-.00295	.96118	.21068	.67233
Stddev	.0024	.435	.00014	.00001	.00641	.00193	.00085
%RSD	.05688	1.1655	.04984	.18730	.66722	.91731	.12572

#1	4.2321	37.006	.28591	-.00295	.95664	.21204	.67173
#2	4.2287	37.621	.28571	-.00294	.96571	.20931	.67293

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.0125	.00037	.12515	1.7837	2.9475	.01792	2.4715
Stddev	.0668	.00003	.00612	.0035	.0061	.00103	.0062
%RSD	.83368	7.0494	4.8940	.19847	.20552	5.7622	.24905

#1	7.9652	.00035	.12948	1.7812	2.9518	.01865	2.4759
#2	8.0597	.00039	.12082	1.7862	2.9432	.01719	2.4671

Sample Name: J5066-07 Acquired: 9/27/2018 20:01:56 Type: Unk
 Method: P4-ICP2(v2462) 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	1.0136	4.507	.15666	F<.00000	27.732
Stddev	.0030	.016	.00002	1.4156	.573
%RSD	.29592	.3474	.01243	9.0916	2.0674

#1	1.0115	4.518	.15665	-16.571	28.138
#2	1.0158	4.496	.15668	-14.569	27.327

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2296.8	41691.	4752.9	99.909	3125.6
Stddev	14.8	52.	23.6	.105	15.5
%RSD	.64545	.12393	.49550	.10468	.49449

#1	2286.3	41654.	4769.5	99.835	3114.7
#2	2307.3	41727.	4736.2	99.983	3136.6

Sample Name: J5066-08 Acquired: 9/27/2018 20:05:53 Type: Unk
Method: P4-ICP2(v2462) 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	.02041	-.01951	.15592	-.01913	.00021	91.230	.41245
Stddev	.00022	.00247	.00029	.00482	.00005	.645	.00120
%RSD	1.0951	12.636	.18419	25.200	23.111	.70742	.29063

#1	.02057	-.02125	.15612	-.02254	.00017	91.687	.41330
#2	.02026	-.01777	.15572	-.01573	.00024	90.774	.41161

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00421	.00487	21.098	.14132	.07688	.18364	173.21
Stddev	.00000	.00051	.056	.00309	.00032	.00095	1.67
%RSD	.07424	10.454	.26461	2.1896	.41736	.51803	.96215

#1	.00421	.00523	21.137	.13913	.07665	.18297	172.04
#2	.00421	.00451	21.058	.14350	.07710	.18432	174.39

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5154	37.066	.30152	-.00289	.48333	.20098	.49818
Stddev	.0015	.145	.00065	.00071	.00105	.00200	.00402
%RSD	.04218	.39182	.21421	24.399	.21685	.99740	.80765

#1	3.5144	36.963	.30106	-.00239	.48259	.19956	.49533
#2	3.5165	37.168	.30198	-.00339	.48407	.20239	.50102

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0796	-.00026	.12454	1.0266	5.3558	.00961	2.5228
Stddev	.0052	.00018	.00144	.0057	.1072	.00031	.0018
%RSD	.07333	68.323	1.1585	.55112	2.0019	3.2429	.07272

#1	7.0833	-.00038	.12557	1.0306	5.2800	.00939	2.5241
#2	7.0760	-.00013	.12352	1.0226	5.4316	.00983	2.5215

Sample Name: J5066-08 Acquired: 9/27/2018 20:05:53 Type: Unk
 Method: P4-ICP2(v2462) 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	.89705	4.016	.10748	F<.00000	27.448
Stddev	.00723	.001	.00028	1.6654	.249
%RSD	.80575	.0266	.25982	9.5353	.90742

#1	.89194	4.016	.10728	-16.288	27.272
#2	.90216	4.017	.10767	-18.643	27.624

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2297.5	41841.	4732.7	100.08	3161.6
Stddev	.6	68.	2.5	.69	5.1
%RSD	.02599	.16253	.05209	.68829	.16005

#1	2297.9	41793.	4734.4	100.57	3158.0
#2	2297.1	41889.	4730.9	99.596	3165.1

Sample Name: J5066-09 Acquired: 9/27/2018 20:09:50 Type: Unk
Method: P4-ICP2(v2462) 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	.01990	-.02082	.07973	-.01689	.00124	102.48	.29416
Stddev	.00163	.00049	.00218	.00093	.00073	1.28	.00243
%RSD	8.1786	2.3748	2.7289	5.4873	58.950	1.2500	.82635

#1	.01875	-.02047	.07819	-.01624	.00175	101.58	.29244
#2	.02105	-.02117	.08127	-.01755	.00072	103.39	.29588

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00461	.00442	12.013	.18633	.08579	.19007	191.76
Stddev	.00001	.00031	.084	.00018	.00013	.00080	3.12
%RSD	.16377	6.9910	.70137	.09699	.14967	.41917	1.6289

#1	.00461	.00420	11.954	.18620	.08570	.18950	193.97
#2	.00460	.00464	12.073	.18646	.08588	.19063	189.56

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2829	47.710	.39618	-.00250	.39890	.27168	.40538
Stddev	.0200	.193	.00037	.00078	.00161	.00234	.00803
%RSD	.37845	.40461	.09375	31.270	.40359	.85954	1.9801

#1	5.2688	47.573	.39592	-.00195	.39776	.27003	.41105
#2	5.2970	47.846	.39645	-.00305	.40004	.27334	.39970

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6836	-.00077	.15036	1.3226	4.7762	.00911	2.8839
Stddev	.0854	.00010	.00630	.0075	.0415	.00077	.0007
%RSD	.98336	12.949	4.1880	.56473	.86946	8.4714	.02400

#1	8.6232	-.00070	.15482	1.3173	4.8055	.00966	2.8834
#2	8.7440	-.00084	.14591	1.3279	4.7468	.00856	2.8844

Sample Name: J5066-09 Acquired: 9/27/2018 20:09:50 Type: Unk
 Method: P4-ICP2(v2462) 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	1.0885	3.869	.06238	F<.00000	27.197
Stddev	.0004	.006	.00001	1.3131	.366
%RSD	.04151	.1473	.01407	6.6797	1.3475
#1	1.0882	3.865	.06239	-20.586	27.456
#2	1.0888	3.873	.06237	-18.729	26.938
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2272.1	41759.	4725.4	97.232	3131.3
Stddev	1.1	221.	15.8	1.881	4.3
%RSD	.04671	.52844	.33500	1.9349	.13810
#1	2271.3	41915.	4736.6	95.902	3134.4
#2	2272.8	41603.	4714.2	98.563	3128.3

Sample Name: J5066-10 Acquired: 9/27/2018 20:13:45 Type: Unk
Method: P4-ICP2(v2462) 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	-.02038	.19443	-.02209	.00116	141.72	.51207
Stddev	.00214	.00254	.00268	.00666	.00324	.61	.00073
%RSD	5.9474	12.473	1.3774	30.135	280.42	.42851	.14252

#1	.03750	-.01859	.19254	-.02680	.00345	141.30	.51259
#2	.03447	-.02218	.19632	-.01738	-.00114	142.15	.51156

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00589	.00602	20.027	.21038	.10385	.21170	236.99
Stddev	.00012	.00047	.136	.00099	.00002	.00045	5.71
%RSD	2.0806	7.7348	.67901	.46923	.02145	.21370	2.4108

#1	.00581	.00569	20.123	.20968	.10383	.21202	241.03
#2	.00598	.00635	19.931	.21107	.10386	.21139	232.95

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2377	40.585	.32237	-.00190	.66614	.31776	.54799
Stddev	.0021	.336	.00027	.00119	.00093	.00202	.01433
%RSD	.03944	.82761	.08471	62.473	.13904	.63655	2.6149

#1	5.2392	40.823	.32257	-.00106	.66679	.31633	.55813
#2	5.2363	40.348	.32218	-.00274	.66548	.31919	.53786

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6627	.00044	.17694	1.2164	3.3748	.01572	2.5577
Stddev	.0788	.00019	.01249	.0081	.0278	.00067	.0185
%RSD	.81585	44.757	7.0612	.66470	.82387	4.2924	.72225

#1	9.7185	.00030	.16811	1.2221	3.3551	.01620	2.5446
#2	9.6070	.00057	.18578	1.2107	3.3944	.01525	2.5708

Sample Name: J5066-10 Acquired: 9/27/2018 20:13:45 Type: Unk
 Method: P4-ICP2(v2462) 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	1.1893	5.045	.10649	F<.00000	31.570
Stddev	.0029	.013	.00001	.71750	1.453
%RSD	.24178	.2522	.00961	2.9327	4.6024

#1	1.1872	5.054	.10650	-23.958	32.598
#2	1.1913	5.036	.10648	-24.973	30.543

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2284.0	41654.	4736.8	97.099	3096.7
Stddev	13.4	33.	44.7	2.649	14.7
%RSD	.58738	.08010	.94410	2.7279	.47574

#1	2274.5	41677.	4705.2	95.227	3086.3
#2	2293.5	41630.	4768.4	98.972	3107.1

Sample Name: J5066-11 Acquired: 9/27/2018 20:17:40 Type: Unk
Method: P4-ICP2(v2462) 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	.03267	-.01927	.20362	-.02340	-.00127	138.38	.48273
Stddev	.00245	.00085	.00011	.00351	.00094	.60	.00022
%RSD	7.4891	4.4140	.05340	15.005	74.023	.43167	.04486

#1	.03094	-.01867	.20355	-.02588	-.00194	137.95	.48288
#2	.03440	-.01987	.20370	-.02092	-.00061	138.80	.48258

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00552	.00569	29.686	.19996	.09790	.21546	226.32
Stddev	.00037	.00021	.001	.00215	.00033	.00101	.07
%RSD	6.6656	3.7252	.00388	1.0737	.33509	.46784	.02996

#1	.00526	.00584	29.686	.19844	.09813	.21617	226.27
#2	.00578	.00554	29.687	.20147	.09767	.21474	226.37

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2413	41.323	.32835	-.00147	1.1359	.29947	.57513
Stddev	.0078	.087	.00025	.00019	.0121	.00097	.00071
%RSD	.14863	.20986	.07554	12.599	1.0611	.32444	.12415

#1	5.2357	41.262	.32852	-.00134	1.1274	.29879	.57564
#2	5.2468	41.385	.32817	-.00160	1.1444	.30016	.57463

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8611	-.00000	.16052	1.1999	4.2209	.01827	2.4789
Stddev	.0386	.00003	.01477	.0029	.0647	.00001	.0042
%RSD	.43597	737.65	9.2018	.24589	1.5331	.03690	.17016

#1	8.8338	-.00002	.15007	1.2020	4.1751	.01826	2.4759
#2	8.8884	.00002	.17096	1.1978	4.2666	.01827	2.4819

Sample Name: J5066-11 Acquired: 9/27/2018 20:17:40 Type: Unk
Method: P4-ICP2(v2462) 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	1.1866	4.902	.12030	F<.00000	30.557
Stddev	.0044	.002	.00070	1.1561	.354
%RSD	.36963	.0399	.58127	5.7632	1.1577
#1	1.1835	4.901	.12079	-20.878	30.307
#2	1.1897	4.903	.11980	-19.243	30.807
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2278.6	41275.	4648.9	96.722	3095.8
Stddev	8.8	10.	1.2	.220	5.8
%RSD	.38496	.02325	.02649	.22721	.18737
#1	2272.4	41282.	4649.7	96.566	3091.7
#2	2284.8	41269.	4648.0	96.877	3099.9

Sample Name: J5066-12 Acquired: 9/27/2018 20:21:34 Type: Unk
Method: P4-ICP2(v2462) 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	.03685	-.01872	.26039	-.02726	.00211	173.44	.65188
Stddev	.00194	.00175	.00126	.00199	.00100	.24	.00007
%RSD	5.2737	9.3497	.48490	7.3139	47.577	.13857	.01013

#1	.03822	-.01996	.26129	-.02585	.00282	173.61	.65183
#2	.03547	-.01748	.25950	-.02867	.00140	173.27	.65193

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00663	.00678	18.346	.24286	.09975	.18390	254.93
Stddev	.00011	.00025	.077	.00121	.00028	.00083	2.85
%RSD	1.6942	3.6681	.42158	.49824	.27841	.45085	1.1195

#1	.00671	.00661	18.400	.24200	.09956	.18331	256.95
#2	.00655	.00696	18.291	.24371	.09995	.18448	252.92

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8379	33.310	.23865	-.00281	.62567	.34016	.58602
Stddev	.0068	.202	.00101	.00007	.00327	.00003	.00394
%RSD	.11592	.60583	.42310	2.6363	.52202	.00887	.67187

#1	5.8332	33.452	.23936	-.00276	.62798	.34013	.58880
#2	5.8427	33.167	.23794	-.00287	.62336	.34018	.58324

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.9687	.00054	.17758	1.2038	4.4374	.01941	2.0276
Stddev	.0238	.00009	.02175	.0032	.0276	.00004	.0166
%RSD	.29840	17.508	12.247	.26835	.62149	.20800	.82022

#1	7.9855	.00047	.19296	1.2061	4.4569	.01938	2.0393
#2	7.9519	.00060	.16220	1.2015	4.4179	.01944	2.0158

Sample Name: J5066-12 Acquired: 9/27/2018 20:21:34 Type: Unk
 Method: P4-ICP2(v2462) 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	1.2606	7.430	.12800	F<.00000	33.105
Stddev	.0014	.008	.00113	.16467	.743
%RSD	.11055	.1066	.88150	.63077	2.2453

#1	1.2596	7.436	.12880	-25.990	33.630
#2	1.2615	7.425	.12721	-26.222	32.579

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2308.2	41371.	4718.9	97.984	3101.3
Stddev	12.3	39.	17.4	.805	13.2
%RSD	.53120	.09438	.36829	.82130	.42718

#1	2299.5	41399.	4706.6	97.415	3091.9
#2	2316.8	41344.	4731.2	98.553	3110.6

Sample Name: J5066-13 Acquired: 9/27/2018 20:25:34 Type: Unk
Method: P4-ICP2(v2462) 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	.02890	-.01753	.13423	-.02706	-.00077	156.11	.56016
Stddev	.00157	.00095	.00154	.00449	.00001	.40	.00174
%RSD	5.4301	5.4134	1.1485	16.607	1.0149	.25793	.31090

#1	.03001	-.01820	.13314	-.02388	-.00078	156.40	.55893
#2	.02779	-.01686	.13532	-.03023	-.00077	155.83	.56139

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00587	.00568	15.654	.22251	.09375	.17582	233.23
Stddev	.00008	.00057	.002	.00352	.00036	.00043	4.90
%RSD	1.2976	10.055	.01230	1.5827	.38174	.24366	2.1008

#1	.00592	.00609	15.653	.22500	.09400	.17612	229.77
#2	.00581	.00528	15.656	.22002	.09349	.17551	236.70

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8993	35.256	.27672	-.00155	.47333	.30880	.51230
Stddev	.0086	.226	.00027	.00184	.02343	.00408	.01091
%RSD	.14566	.64219	.09901	118.24	4.9494	1.3205	2.1293

#1	5.9054	35.096	.27692	-.00285	.45676	.31168	.50459
#2	5.8932	35.416	.27653	-.00025	.48989	.30591	.52002

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.3384	.00027	.15596	1.6794	3.3587	.01564	2.1572
Stddev	.0328	.00046	.01250	.0083	.0152	.00118	.0088
%RSD	.44745	169.70	8.0156	.49408	.45093	7.5369	.40606

#1	7.3152	.00060	.14712	1.6735	3.3694	.01481	2.1510
#2	7.3616	-.00005	.16480	1.6853	3.3479	.01648	2.1634

Sample Name: J5066-13 Acquired: 9/27/2018 20:25:34 Type: Unk
 Method: P4-ICP2(v2462) 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	1.1480	5.732	.08151	F<.00000	31.309
Stddev	.0001	.007	.00030	1.2628	1.289
%RSD	.01114	.1202	.36687	5.6765	4.1159

#1	1.1479	5.727	.08130	-23.138	32.220
#2	1.1481	5.737	.08172	-21.353	30.398

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2279.6	41080.	4645.7	95.833	3106.8
Stddev	8.1	192.	24.3	1.631	8.5
%RSD	.35409	.46666	.52337	1.7017	.27482

#1	2273.9	40944.	4628.5	96.986	3100.8
#2	2285.3	41216.	4662.9	94.680	3112.9

Sample Name: CCV10 Acquired: 9/27/2018 20:29:35 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1371	5.1104	5.0932	5.2124	5.2848	10.796	10.364	.25447
Stddev	.0133	.0030	.0207	.0295	.0260	.051	.011	.00010
%RSD	.25883	.05877	.40608	.56607	.49262	.47041	.10715	.04036
#1	5.1465	5.1125	5.1078	5.2332	5.3032	10.760	10.356	.25440
#2	5.1277	5.1082	5.0786	5.1915	5.2663	10.832	10.372	.25454
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5759	25.968	1.0078	2.5459	1.2783	5.1027	2.5649	25.319
Stddev	.0017	.039	.0019	.0032	.0002	.1278	.0054	.021
%RSD	.06745	.14940	.19117	.12631	.01342	2.5049	.20929	.08140
#1	2.5771	25.941	1.0091	2.5482	1.2784	5.0123	2.5611	25.304
#2	2.5747	25.996	1.0064	2.5437	1.2782	5.1931	2.5687	25.333
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5472	1.2629	25.314	2.5557	2.5538	25.789	5.1931	5.1808
Stddev	.0014	.0028	.017	.0080	.0330	.136	.0109	.0183
%RSD	.05486	.21952	.06847	.31441	1.2908	.52748	.21022	.35360
#1	2.5482	1.2649	25.326	2.5614	2.5304	25.885	5.2009	5.1938
#2	2.5462	1.2610	25.302	2.5500	2.5771	25.693	5.1854	5.1679
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1239	4.9785	5.0130	5.2118	4.7632	5.238	5.2409	F 9.4410
Stddev	.0105	.0360	.0050	.0091	.0063	.021	.0139	.0826
%RSD	.20422	.72376	.10030	.17530	.13159	.3980	.26477	.87492
#1	5.1313	5.0040	5.0095	5.2183	4.7676	5.253	5.2507	9.3826
#2	5.1165	4.9530	5.0166	5.2054	4.7587	5.224	5.2311	9.4994

Sample Name: CCV10 Acquired: 9/27/2018 20:29:35 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1DUP Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.6407
Stddev	.4952
%RSD	30.181

#1	1.2906
#2	1.9909

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2054.8	37224.	4085.9	96.753	3172.4
Stddev	11.1	91.	31.7	.981	13.3
%RSD	.54215	.24432	.77509	1.0138	.42012

#1	2046.9	37288.	4063.5	97.447	3163.0
#2	2062.7	37159.	4108.3	96.060	3181.8

Sample Name: CCB10 Acquired: 9/27/2018 20:33:20 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00135	.00111	-.00039	.00103	.00206	-.00111	-.00046
Stddev	.00465	.00061	.00177	.00206	.00165	.00139	.00090
%RSD	344.04	54.851	450.30	199.32	80.250	124.85	196.46

#1	.00464	.00068	.00086	-.00042	.00323	-.00013	.00018
#2	-.00194	.00155	-.00165	.00249	.00089	-.00210	-.00109

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00002	.01734	.00011	.00002	-.00068	-.00603
Stddev	.00004	.00004	.00555	.00081	.00020	.00023	.00802
%RSD	248.88	175.71	32.028	709.21	1181.7	33.494	133.02

#1	-.00001	.00001	.02126	.00069	-.00013	-.00084	-.00036
#2	.00004	-.00005	.01341	-.00046	.00016	-.00052	-.01170

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.03093	.00021	.00011	-.29414	.00040	-.00030
Stddev	.00006	.05772	.00008	.00044	.00197	.00053	.00006
%RSD	93.229	186.61	38.329	379.37	.66946	131.55	19.670

#1	.00011	.00988	.00026	-.00019	-.29274	.00077	-.00026
#2	.00002	-.07175	.00015	.00042	-.29553	.00003	-.00035

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06391	.00057	.00304	-.00170	.00611	.00006	.00022
Stddev	.02138	.00026	.00070	.00157	.00130	.00023	.00004
%RSD	33.462	44.798	23.096	92.494	21.237	386.02	19.580

#1	-.04879	.00075	.00354	-.00059	.00703	.00022	.00019
#2	-.07903	.00039	.00255	-.00280	.00519	-.00010	.00026

Sample Name: CCB10 Acquired: 9/27/2018 20:33:20 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1MS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01977	-.0008	.00009	F 3.1600	F<.00000
Stddev	.00455	.0001	.00005	.8871	.06895
%RSD	23.021	13.05	51.781	28.072	7.9833
#1	-.01655	-.0007	.00013	3.7873	-.91245
#2	-.02298	-.0009	.00006	2.5328	-.81494
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2114.1	38747.	4116.5	100.46	3534.2
Stddev	6.4	249.	24.0	.01	8.8
%RSD	.30478	.64362	.58380	.00800	.24833
#1	2109.5	38571.	4099.5	100.46	3528.0
#2	2118.6	38923.	4133.4	100.45	3540.4

Sample Name: J5066-14 Acquired: 9/27/2018 20:37:25 Type: Unk
Method: P4-ICP2(v2462) 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	.02836	-.02601	.14936	-.02313	.00155	157.81	.84102
Stddev	.00406	.00357	.00241	.00059	.00107	.57	.00411
%RSD	14.317	13.730	1.6105	2.5560	69.255	.35973	.48861

#1	.03124	-.02348	.14766	-.02272	.00230	158.22	.83811
#2	.02549	-.02853	.15106	-.02355	.00079	157.41	.84392

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00604	.00790	12.281	.21483	.13386	.26421	237.17
Stddev	.00005	.00086	.067	.00003	.00059	.00055	6.86
%RSD	.90586	10.845	.54258	.01613	.44061	.20841	2.8931

#1	.00608	.00729	12.234	.21481	.13428	.26382	242.02
#2	.00600	.00850	12.328	.21485	.13344	.26460	232.32

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.869	41.464	.41275	-.00174	.49358	.33285	.55475
Stddev	.001	.586	.00036	.00040	.00709	.00120	.01442
%RSD	.00798	1.4134	.08720	22.928	1.4366	.36058	2.5996

#1	13.870	41.050	.41301	-.00145	.48857	.33370	.56495
#2	13.868	41.879	.41250	-.00202	.49859	.33200	.54455

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9933	.00063	.17423	.92594	3.4264	.01537	2.6950
Stddev	.0301	.00052	.01639	.00148	.0113	.00047	.0049
%RSD	.30090	82.332	9.4096	.16013	.32933	3.0481	.18206

#1	9.9720	.00026	.18583	.92489	3.4344	.01571	2.6915
#2	10.015	.00099	.16264	.92699	3.4184	.01504	2.6985

Sample Name: J5066-14 Acquired: 9/27/2018 20:37:25 Type: Unk
Method: P4-ICP2(v2462) 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	1.2081	6.136	.09874	F<.00000	31.331
Stddev	.0128	.002	.00011	.18923	.343
%RSD	1.0568	.0246	.11117	.78409	1.0945

#1	1.1991	6.135	.09866	-24.267	31.574
#2	1.2171	6.137	.09882	-24.000	31.089

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2272.1	41055.	4642.1	97.249	3081.0
Stddev	14.3	59.	24.9	2.888	12.8
%RSD	.62806	.14436	.53591	2.9702	.41406

#1	2262.0	41013.	4659.7	95.206	3072.0
#2	2282.2	41097.	4624.6	99.291	3090.0

Sample Name: J5066-15 Acquired: 9/27/2018 20:41:31 Type: Unk
Method: P4-ICP2(v2462) 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	.02839	-.02031	.41193	-.02359	.00038	116.19	.55119
Stddev	.00033	.00071	.00256	.00293	.00202	.52	.00318
%RSD	1.1648	3.5187	.62195	12.434	528.51	.44499	.57754

#1	.02816	-.01981	.41011	-.02566	.00181	115.83	.55344
#2	.02863	-.02082	.41374	-.02151	-.00105	116.56	.54894

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00499	.00665	20.343	.17695	.08829	.27543	204.09
Stddev	.00018	.00029	.030	.00013	.00039	.00001	2.26
%RSD	3.6665	4.4026	.14819	.07239	.43877	.00229	1.1080

#1	.00486	.00686	20.322	.17704	.08802	.27543	202.49
#2	.00512	.00644	20.364	.17686	.08857	.27544	205.69

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3489	45.281	.38396	-.00078	.57145	.31972	.69010
Stddev	.0028	.270	.00125	.00070	.02057	.00087	.00863
%RSD	.06459	.59539	.32643	88.816	3.6001	.27242	1.2507

#1	4.3509	45.471	.38308	-.00128	.55690	.32033	.68399
#2	4.3469	45.090	.38485	-.00029	.58600	.31910	.69620

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6399	.00049	.14608	1.1997	2.7708	.03153	2.5689
Stddev	.0244	.00012	.01268	.0040	.0138	.00171	.0035
%RSD	.28179	23.508	8.6776	.32909	.49963	5.4368	.13477

#1	8.6571	.00041	.13712	1.1969	2.7611	.03032	2.5665
#2	8.6227	.00057	.15504	1.2025	2.7806	.03274	2.5714

Sample Name: J5066-15 Acquired: 9/27/2018 20:41:31 Type: Unk
 Method: P4-ICP2(v2462) 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	1.0063	4.310	.13426	F<.00000	28.992
Stddev	.0050	.000	.00023	.99373	.551
%RSD	.49366	.0102	.17446	4.9674	1.8994

#1	1.0098	4.311	.13443	-20.708	29.382
#2	1.0028	4.310	.13410	-19.303	28.603

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2276.1	41678.	4669.0	96.426	3110.2
Stddev	5.8	101.	12.4	.994	5.8
%RSD	.25272	.24224	.26570	1.0304	.18625

#1	2272.0	41749.	4660.2	97.128	3106.1
#2	2280.2	41606.	4677.8	95.723	3114.3

Sample Name: J5097-02 Acquired: 9/27/2018 20:45:26 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00193	-.00342	.00196	.00424	.00251	.27318	.06849	.00007
Stddev	.00261	.00307	.00232	.00076	.00138	.00425	.00129	.00001
%RSD	135.11	89.741	118.60	17.926	54.973	1.5539	1.8777	14.271

#1	-.00377	-.00558	.00360	.00370	.00154	.27618	.06940	.00008
#2	-.00009	-.00125	.00032	.00478	.00349	.27018	.06758	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	4.2986	.00046	.00065	.00144	.06637	.01924	2.2808
Stddev	.00006	.0234	.00032	.00044	.00009	.00012	.00019	.0057
%RSD	53.158	.54458	68.157	68.293	6.4517	.18160	.98566	.24890

#1	-.00007	4.3152	.00069	.00096	.00137	.06629	.01937	2.2768
#2	-.00015	4.2820	.00024	.00034	.00151	.06646	.01911	2.2848

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00038	305.99	.00037	.01810	.30882	.00024	.01760
Stddev	.00055	.00066	2.18	.00054	.00025	.00477	.00008	.00531
%RSD	2871.7	174.03	.71273	145.04	1.3769	1.5460	34.348	30.149

#1	.00037	-.00084	307.53	-.00001	.01828	.30544	.00030	.02135
#2	-.00041	.00009	304.45	.00075	.01793	.31219	.00018	.01385

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31558	.20354	.00343	.00146	-.01649	.0010	.02936	7.9408
Stddev	.00308	.00440	.00110	.00023	.00306	.0003	.00004	1.1467
%RSD	.97628	2.1628	32.113	15.535	18.555	29.42	.12374	14.440

#1	.31340	.20665	.00421	.00130	-.01432	.0012	.02934	7.1299
#2	.31776	.20042	.00265	.00162	-.01865	.0008	.02939	8.7516

Sample Name: J5097-02 Acquired: 9/27/2018 20:45:26 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .52408
Stddev .36611
%RSD 69.858

#1 .26520
#2 .78296

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1958.0	36039.	4108.5	95.372	3030.2
Stddev	2.1	73.	25.4	1.492	.3
%RSD	.10957	.20301	.61865	1.5643	.01020

#1	1956.5	36091.	4090.5	94.317	3030.4
#2	1959.6	35988.	4126.5	96.427	3030.0

Sample Name: J5097-04 Acquired: 9/27/2018 20:49:38 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-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	-.00034	-.00079	.00192	.00198	.00166	.22488	.06244	-.00002
Stddev	.00276	.00143	.00106	.00497	.00149	.00106	.00064	.00009
%RSD	815.92	180.65	55.174	250.84	89.892	.47268	1.0310	498.12

#1	-.00229	-.00180	.00267	-.00153	.00271	.22563	.06290	-.00008
#2	.00161	.00022	.00117	.00550	.00060	.22413	.06199	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	2.8270	.00076	.00027	.00109	.02232	.01767	.83931
Stddev	.00004	.0010	.00033	.00015	.00016	.00710	.00013	.01584
%RSD	71.422	.03488	43.399	53.196	14.609	31.830	.74032	1.8875

#1	-.00003	2.8277	.00053	.00038	.00120	.01730	.01758	.82810
#2	-.00009	2.8263	.00099	.00017	.00097	.02734	.01777	.85051

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00047	-.00036	283.65	.00023	.01447	.40076	.00004	.00707
Stddev	.00050	.00025	1.04	.00016	.00040	.00876	.00020	.00220
%RSD	107.44	68.415	.36671	70.088	2.7619	2.1869	554.26	31.124

#1	-.00083	-.00054	282.92	.00012	.01476	.40696	.00018	.00863
#2	-.00011	-.00019	284.39	.00035	.01419	.39456	-.00010	.00551

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40944	.16272	.00267	.00043	-.01303	.0006	.01305	7.2277
Stddev	.00171	.00148	.00092	.00061	.00094	.0015	.00000	.1634
%RSD	.41819	.91208	34.420	142.92	7.2026	249.1	.01846	2.2607

#1	.40823	.16377	.00202	-.00000	-.01237	.0017	.01304	7.3433
#2	.41065	.16167	.00332	.00086	-.01370	-.0005	.01305	7.1122

Sample Name: J5097-04 Acquired: 9/27/2018 20:49:38 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-2 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .57702
 %RSD 646.45

#1 .31875
 #2 -.49727

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1986.9	36328.	4123.0	96.322	3090.7
Stddev	3.8	261.	19.9	2.862	8.3
%RSD	.18958	.71710	.48161	2.9715	.27003

#1	1984.2	36144.	4109.0	94.298	3084.8
#2	1989.6	36513.	4137.0	98.345	3096.6

Sample Name: J5097-06 Acquired: 9/27/2018 20:53:50 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-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	.00251	-.00357	.00413	.00513	.00380	.14128	.08847	.00003
Stddev	.00527	.00114	.00092	.00342	.00149	.00368	.00127	.00012
%RSD	209.62	31.966	22.227	66.745	39.277	2.6039	1.4342	370.36

#1	.00624	-.00277	.00348	.00755	.00485	.13868	.08757	.00011
#2	-.00121	-.00438	.00478	.00271	.00274	.14388	.08937	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	3.9642	.00024	.00166	.00420	.03062	.69692	.95234
Stddev	.00014	.0386	.00074	.00009	.00041	.00472	.00074	.04096
%RSD	450.28	.97352	304.60	5.2205	9.6859	15.424	.10621	4.3006

#1	-.00013	3.9369	-.00028	.00160	.00449	.02728	.69640	.92338
#2	.00007	3.9915	.00076	.00172	.00391	.03396	.69745	.98130

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00059	.00008	333.83	-.00061	.01898	.53647	-.00003	.01890
Stddev	.00069	.00038	.15	.00051	.00023	.00564	.00015	.00659
%RSD	117.42	490.74	.04570	82.324	1.2263	1.0508	441.47	34.857

#1	-.00108	.00035	333.72	-.00097	.01882	.53249	-.00014	.01424
#2	-.00010	-.00019	333.94	-.00026	.01915	.54046	.00007	.02356

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08738	.17479	.00378	-.00034	-.00109	.0066	.01318	8.3349
Stddev	.00391	.00377	.00002	.00263	.01261	.0017	.00005	1.2264
%RSD	4.4696	2.1544	.56062	771.74	1154.5	25.41	.41498	14.714

#1	.08461	.17745	.00380	.00152	-.01001	.0054	.01314	7.4678
#2	.09014	.17213	.00377	-.00220	.00783	.0077	.01322	9.2021

Sample Name: J5097-06 Acquired: 9/27/2018 20:53:50 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-3 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .84549
 Stddev .04687
 %RSD 5.5438

#1 .87864
 #2 .81235

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1981.0	36097.	4119.0	97.245	3070.4
Stddev	11.8	4.	11.7	1.060	15.4
%RSD	.59761	.01046	.28318	1.0896	.50083

#1	1972.6	36099.	4110.7	97.995	3059.5
#2	1989.3	36094.	4127.2	96.496	3081.2

Sample Name: J5097-08 Acquired: 9/27/2018 20:58:01 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-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	-.00119	-.00158	.00175	.00472	.00187	.52497	.08962	-.00002
Stddev	.00186	.00135	.00139	.00419	.00079	.00003	.00122	.00000
%RSD	156.21	85.489	79.302	88.846	42.300	.00619	1.3560	25.681

#1	.00012	-.00254	.00274	.00175	.00131	.52495	.08876	-.00002
#2	-.00250	-.00063	.00077	.00769	.00242	.52499	.09048	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	2.7338	.00080	-.00018	.00252	.46998	.08630	.56632
Stddev	.00000	.0168	.00014	.00021	.00025	.01620	.00051	.02122
%RSD	1.7946	.61420	17.100	117.05	10.063	3.4464	.58865	3.7475

#1	-.00010	2.7457	.00090	-.00003	.00270	.48144	.08666	.58133
#2	-.00010	2.7220	.00070	-.00033	.00234	.45853	.08595	.55132

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	-.00040	254.04	.00108	.01615	.39181	.00011	.01154
Stddev	.00015	.00101	.07	.00002	.00003	.02927	.00038	.00410
%RSD	49.156	248.45	.02664	1.4979	.17548	7.4717	354.10	35.498

#1	-.00041	.00031	253.99	.00107	.01613	.41251	.00038	.01444
#2	-.00020	-.00112	254.09	.00109	.01617	.37111	-.00016	.00865

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05065	.55526	.00224	.01386	.00117	.0334	.00960	8.5303
Stddev	.00228	.00136	.00100	.00061	.01502	.0007	.00009	.7378
%RSD	4.5008	.24418	44.467	4.4179	1287.6	2.118	.97129	8.6490

#1	.05226	.55622	.00154	.01429	.01179	.0329	.00967	8.0086
#2	.04904	.55430	.00295	.01342	-.00945	.0339	.00954	9.0520

Sample Name: J5097-08 Acquired: 9/27/2018 20:58:01 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .42511
Stddev .38065
%RSD 89.543

#1 .69427
#2 .15594

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1981.7	36329.	4130.7	96.920	3092.6
Stddev	12.4	181.	16.1	.644	11.1
%RSD	.62803	.49878	.39022	.66491	.36031

#1	1972.9	36201.	4142.1	96.464	3084.7
#2	1990.5	36457.	4119.3	97.376	3100.5

Sample Name: J5098-02 Acquired: 9/27/2018 21:02:11 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-9-6FT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00135	-.00175	.00055	.00579	.00209	.09723	.21788	.00007
Stddev	.00143	.00119	.00090	.00286	.00010	.00480	.00147	.00004
%RSD	105.25	68.062	162.06	49.350	4.8412	4.9351	.67322	64.131

#1	-.00035	-.00091	-.00008	.00377	.00216	.09384	.21684	.00004
#2	-.00236	-.00259	.00119	.00781	.00202	.10063	.21892	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	6.0347	.00072	-.00035	-.00014	.01747	.00854	.80504
Stddev	.00004	.0679	.00038	.00035	.00023	.00493	.00004	.04401
%RSD	24.710	1.1256	52.481	101.22	161.26	28.244	.47731	5.4669

#1	-.00014	5.9866	.00045	-.00059	.00002	.01398	.00851	.77392
#2	-.00020	6.0827	.00099	-.00010	-.00031	.02096	.00857	.83616

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00077	-.00074	312.11	-.00007	.10951	1.5024	.00024	.06115
Stddev	.00008	.00050	4.39	.00006	.00018	.0128	.00009	.00190
%RSD	10.100	67.713	1.4075	94.364	.16662	.85226	39.331	3.1124

#1	-.00082	-.00038	309.00	-.00011	.10964	1.5115	.00017	.06250
#2	-.00071	-.00109	315.21	-.00002	.10939	1.4934	.00031	.05981

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99012	.26822	.00261	.00067	.01692	.0004	.05052	10.002
Stddev	.00441	.00545	.00049	.00008	.01013	.0019	.00028	.135
%RSD	.44544	2.0308	18.881	12.111	59.858	512.2	.55600	1.3451

#1	.98700	.26436	.00226	.00061	.02408	-.0010	.05032	10.097
#2	.99324	.27207	.00295	.00072	.00976	.0018	.05072	9.9066

Sample Name: J5098-02 Acquired: 9/27/2018 21:02:11 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-9-6FT Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .46055
 Stddev .04359
 %RSD 9.4636

#1 .49137
 #2 .42974

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1971.3	35852.	4121.5	97.333	3070.5
Stddev	16.3	50.	26.8	1.029	27.6
%RSD	.82836	.13841	.65023	1.0567	.89944

#1	1959.8	35817.	4140.5	96.605	3050.9
#2	1982.9	35887.	4102.6	98.060	3090.0

Sample Name: J5098-04 Acquired: 9/27/2018 21:06:21 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-9-10FT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00353	-.00331	.00031	.00357	.00136	.26827	.35517	.00006
Stddev	.00087	.00082	.00075	.00189	.00103	.00905	.00233	.00002
%RSD	24.553	24.819	243.97	53.000	75.650	3.3731	.65482	25.133

#1	-.00292	-.00273	.00084	.00490	.00063	.27467	.35682	.00007
#2	-.00415	-.00389	-.00022	.00223	.00209	.26187	.35353	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	5.5390	.00119	.00044	-.00018	.04394	.30138	.66833
Stddev	.00017	.0549	.00000	.00006	.00016	.00060	.00113	.00875
%RSD	152.34	.99165	.36696	13.339	89.236	1.3548	.37464	1.3095

#1	.00001	5.5779	.00119	.00040	-.00007	.04352	.30218	.66214
#2	-.00023	5.5002	.00119	.00048	-.00029	.04437	.30058	.67452

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	-.00035	323.97	-.00025	.12424	.94947	.00017	.06218
Stddev	.00031	.00002	1.89	.00010	.00281	.01496	.00014	.01174
%RSD	104.16	4.6098	.58455	38.539	2.2626	1.5756	87.277	18.884

#1	.00008	-.00036	322.63	-.00032	.12225	.93889	.00027	.07048
#2	.00051	-.00034	325.30	-.00018	.12623	.96005	.00006	.05388

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33315	.47465	.00354	.00286	-.00012	.0045	.03076	10.188
Stddev	.00268	.00246	.00043	.00166	.01000	.0028	.00014	.499
%RSD	.80541	.51879	12.047	58.032	8539.0	61.78	.43999	4.8986

#1	.33505	.47290	.00324	.00404	.00696	.0025	.03066	10.541
#2	.33125	.47639	.00384	.00169	-.00719	.0064	.03085	9.8353

Sample Name: J5098-04 Acquired: 9/27/2018 21:06:21 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-9-10FT Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.54028
Stddev	.02162
%RSD	4.0008

#1	.52500
#2	.55557

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1982.3	35948.	4112.8	96.697	3077.4
Stddev	12.8	75.	8.0	1.529	17.5
%RSD	.64603	.20756	.19428	1.5816	.56984

#1	1973.3	35895.	4118.5	97.778	3065.0
#2	1991.4	36001.	4107.2	95.615	3089.8

Sample Name: J5098-06 Acquired: 9/27/2018 21:10:30 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-10-6FT Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00134	-.00086	.01544	.00595	.00211	.08839	.19867	.00004
Stddev	.00248	.00131	.00077	.00128	.00200	.00630	.00096	.00005
%RSD	185.33	152.18	4.9874	21.548	94.811	7.1281	.48307	140.11

#1	.00310	-.00179	.01490	.00504	.00352	.09285	.19935	.00008
#2	-.00042	.00007	.01599	.00686	.00069	.08394	.19799	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00124	48.298	.00089	-.00017	.01121	-.01684	.16806	2.4009
Stddev	.00007	.340	.00073	.00038	.00024	.00049	.00026	.0451
%RSD	5.4051	.70434	83.001	223.43	2.1225	2.8820	.15397	1.8791

#1	.00128	48.539	.00141	.00010	.01104	-.01719	.16787	2.3690
#2	.00119	48.058	.00037	-.00044	.01138	-.01650	.16824	2.4328

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00254	-.00082	297.86	-.00046	.28065	2.9261	-.00008	.06742
Stddev	.00003	.00070	4.07	.00049	.00656	.0007	.00011	.00071
%RSD	1.1384	85.617	1.3658	106.77	2.3357	.02386	144.44	1.0525

#1	.00252	-.00032	300.74	-.00011	.27601	2.9266	.00000	.06691
#2	.00256	-.00131	294.98	-.00080	.28529	2.9256	-.00016	.06792

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6744	2.2837	.00313	-.00148	.00822	.0082	.30001	11.275
Stddev	.0009	.0036	.00083	.00078	.01448	.0006	.00388	.738
%RSD	.05397	.15558	26.505	52.424	176.19	7.496	1.2945	6.5445

#1	1.6751	2.2862	.00371	-.00203	-.00202	.0087	.30275	11.797
#2	1.6738	2.2812	.00254	-.00093	.01845	.0078	.29726	10.754

Sample Name: J5098-06 Acquired: 9/27/2018 21:10:30 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-10-6FT Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .17068
Stddev .60820
%RSD 356.34

#1 -.25938
#2 .60074

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1964.1	35871.	4124.2	96.787	3036.1
Stddev	7.8	96.	35.4	1.868	17.4
%RSD	.39876	.26839	.85712	1.9303	.57455

#1	1958.6	35803.	4099.2	98.108	3023.7
#2	1969.6	35939.	4149.2	95.466	3048.4

Sample Name: J5098-08 Acquired: 9/27/2018 21:14:38 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-10-10FT Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00129	-.00237	.00211	.00851	-.00023	.16422	.18990	.00000
Stddev	.00105	.00246	.00067	.00064	.00098	.01201	.00006	.00010
%RSD	81.227	103.61	31.928	7.5091	424.61	7.3135	.02945	6921.5

#1	.00055	-.00063	.00259	.00896	.00046	.15573	.18994	-.00007
#2	.00204	-.00411	.00163	.00806	-.00093	.17272	.18986	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	36.789	.00102	-.00027	.01436	.00680	.14189	1.5939
Stddev	.00001	.293	.00064	.00001	.00031	.00721	.00035	.0430
%RSD	3.2687	.79558	62.869	1.9979	2.1937	106.00	.24559	2.6952

#1	.00029	36.582	.00057	-.00027	.01458	.00170	.14165	1.5635
#2	.00028	36.996	.00148	-.00028	.01413	.01190	.14214	1.6243

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00114	-.00011	284.42	.00015	.17731	1.8123	-.00007	.04344
Stddev	.00013	.00030	.90	.00030	.00140	.0608	.00013	.00947
%RSD	11.627	281.03	.31724	196.08	.78859	3.3527	199.34	21.806

#1	.00123	-.00032	285.06	.00037	.17632	1.7693	.00003	.03674
#2	.00104	.00011	283.78	-.00006	.17830	1.8552	-.00016	.05014

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3543	2.1575	.00345	-.00108	.00517	.0144	.21916	9.9859
Stddev	.0053	.0233	.00148	.00280	.00743	.0020	.00070	.1606
%RSD	.39074	1.0818	42.773	258.56	143.86	13.90	.31856	1.6078

#1	1.3581	2.1410	.00450	-.00306	-.00009	.0158	.21965	9.8723
#2	1.3506	2.1740	.00241	.00090	.01042	.0130	.21866	10.099

Sample Name: J5098-08 Acquired: 9/27/2018 21:14:38 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-10-10FT Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.70165
Stddev	.13385
%RSD	19.077

#1	.60700
#2	.79630

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1966.0	36077.	4135.9	98.749	3053.7
Stddev	.4	91.	14.6	.679	8.7
%RSD	.01918	.25237	.35309	.68728	.28524

#1	1966.3	36013.	4146.2	99.229	3047.6
#2	1965.7	36141.	4125.6	98.269	3059.9

Sample Name: CCV11 Acquired: 9/27/2018 21:18:46 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13906 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1148	5.1236	5.0197	5.1442	5.2350	10.579	9.8838	.25059
Stddev	.0131	.0145	.0018	.0076	.0157	.136	.0917	.00088
%RSD	.25619	.28251	.03556	.14805	.30067	1.2830	.92754	.35079
#1	5.1241	5.1338	5.0184	5.1496	5.2461	10.675	9.8190	.25121
#2	5.1055	5.1134	5.0209	5.1388	5.2239	10.483	9.9486	.24996
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5492	25.064	1.0065	2.5298	1.2749	5.0877	2.5241	24.675
Stddev	.0016	.050	.0024	.0023	.0055	.0018	.0061	.138
%RSD	.06444	.19869	.23350	.09182	.43190	.03483	.24070	.55800
#1	2.5480	25.029	1.0081	2.5315	1.2788	5.0865	2.5284	24.578
#2	2.5504	25.100	1.0048	2.5282	1.2710	5.0890	2.5198	24.773
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5205	1.2503	24.479	2.5158	2.5184	25.108	5.1630	5.0942
Stddev	.0011	.0024	.234	.0105	.0391	.253	.0123	.0139
%RSD	.04261	.19523	.95773	.41623	1.5547	1.0094	.23842	.27371
#1	2.5197	1.2520	24.313	2.5232	2.4907	24.929	5.1717	5.0844
#2	2.5212	1.2485	24.644	2.5084	2.5461	25.288	5.1543	5.1041
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0270	4.8479	4.9279	5.1194	4.6654	5.179	5.1556	F 5.5121
Stddev	.0096	.0938	.0077	.0243	.0103	.003	.0445	.0183
%RSD	.19044	1.9355	.15717	.47413	.22082	.0657	.86373	.33220
#1	5.0202	4.7815	4.9224	5.1022	4.6581	5.181	5.1242	5.5250
#2	5.0337	4.9142	4.9334	5.1366	4.6727	5.176	5.1871	5.4991

Sample Name: CCV11 Acquired: 9/27/2018 21:18:46 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV13906 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1.3274
 Stddev .6313
 %RSD 47.559

#1 .88099
 #2 1.7738

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2088.2	38290.	4237.2	99.211	3229.1
Stddev	9.4	208.	52.0	1.315	8.4
%RSD	.45198	.54396	1.2270	1.3254	.25954

#1	2081.5	38143.	4274.0	100.14	3223.1
#2	2094.9	38437.	4200.5	98.281	3235.0

Sample Name: CCB11 Acquired: 9/27/2018 21:22:31 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13906 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00129	.00002	-.00059	.00105	.00217	.02049	-.00054
Stddev	.00109	.00042	.00031	.00092	.00018	.01033	.00021
%RSD	84.852	1992.7	51.515	87.514	8.1340	50.413	38.423

#1	.00206	.00032	-.00038	.00040	.00205	.01318	-.00069
#2	.00051	-.00028	-.00081	.00169	.00230	.02779	-.00040

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00018	.01771	-.00004	.00019	-.00073	.00174
Stddev	.00001	.00001	.00439	.00021	.00018	.00003	.00296
%RSD	14.015	3.8141	24.809	551.42	97.097	4.3756	170.22

#1	.00008	-.00018	.02082	-.00018	.00032	-.00071	-.00035
#2	.00007	-.00019	.01460	.00011	.00006	-.00075	.00383

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00190	-.00021	-.00036	-.28003	-.00047	-.00030
Stddev	.00008	.02863	.00021	.00031	.00913	.00048	.00007
%RSD	470.31	1506.2	102.40	84.220	3.2604	102.68	23.042

#1	-.00008	.01834	-.00036	-.00058	-.27357	-.00081	-.00025
#2	.00004	-.02214	-.00006	-.00015	-.28649	-.00013	-.00034

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07687	.00067	.01596	-.00093	-.00026	-.00067	-.00090
Stddev	.01004	.00040	.00883	.00159	.00011	.00004	.00208
%RSD	13.056	59.288	55.311	170.51	42.899	6.1521	231.18

#1	-.08396	.00095	.02220	.00019	-.00018	-.00070	.00057
#2	-.06977	.00039	.00972	-.00205	-.00034	-.00064	-.00238

Sample Name: CCB11 Acquired: 9/27/2018 21:22:31 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13906 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01473	.0009	-.00002	F 1.6443	F<.00000
Stddev	.01765	.0022	.00007	.0522	.84456
%RSD	119.85	236.6	317.32	3.1775	61.141

#1	-.00225	.0025	.00003	1.6073	-.78414
#2	-.02721	-.0006	-.00007	1.6812	-1.9785

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2165.0	39817.	4270.1	101.46	3628.6
Stddev	11.8	180.	19.5	.13	16.8
%RSD	.54486	.45176	.45757	.13094	.46234

#1	2156.6	39690.	4256.2	101.37	3616.7
#2	2173.3	39945.	4283.9	101.55	3640.4

Sample Name: J5099-02 Acquired: 9/27/2018 21:26:37 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 7211975 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00096	-.00302	.03170	.00157	.00291	6.9350	.13340	.00017
Stddev	.00321	.00012	.00078	.00293	.00101	.0293	.00108	.00005
%RSD	333.45	3.9364	2.4713	186.71	34.867	.42182	.80617	31.400

#1	-.00131	-.00311	.03114	.00364	.00362	6.9143	.13416	.00013
#2	.00323	-.00294	.03225	-.00050	.00219	6.9556	.13264	.00020

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	9.3879	.00980	.00859	.05407	16.493	.30911	5.2967
Stddev	.00001	.0437	.00010	.00006	.00038	.342	.00307	.1029
%RSD	2.6735	.46580	1.0298	.69528	.69860	2.0746	.99415	1.9417

#1	.00029	9.4189	.00973	.00854	.05381	16.735	.30694	5.3694
#2	.00030	9.3570	.00987	.00863	.05434	16.251	.31129	5.2240

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00790	-.00066	359.66	.02336	.20076	6.9083	.00029	.09763
Stddev	.00052	.00018	2.62	.00001	.00413	.0282	.00009	.00533
%RSD	6.5289	28.092	.72952	.02683	2.0594	.40860	31.332	5.4558

#1	.00754	-.00053	361.51	.02337	.20369	6.8884	.00023	.10140
#2	.00827	-.00079	357.80	.02336	.19784	6.9283	.00035	.09386

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66381	13.695	.00440	.26855	.09078	.1215	.03040	8.5459
Stddev	.00094	.013	.00079	.00212	.01356	.0027	.00007	.9660
%RSD	.14203	.09620	17.935	.78906	14.943	2.203	.23012	11.304

#1	.66448	13.686	.00384	.26705	.08119	.1196	.03045	9.2289
#2	.66314	13.705	.00495	.27005	.10037	.1233	.03035	7.8628

Sample Name: J5099-02 Acquired: 9/27/2018 21:26:37 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 7211975 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	7.3095
Stddev	.7093
%RSD	9.7042

#1	7.8111
#2	6.8080

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1947.6	35702.	4094.9	96.389	2953.1
Stddev	16.3	132.	33.5	2.537	19.7
%RSD	.83729	.37105	.81898	2.6321	.66864

#1	1936.0	35608.	4071.1	94.595	2939.1
#2	1959.1	35796.	4118.6	98.183	2967.0

Sample Name: J5100-04 Acquired: 9/27/2018 21:30:44 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HS-STONE-RO- 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	-.00350	.08303	.00516	.00248	.70995	.11747	.00011
Stddev	.00364	.00152	.00028	.00115	.00051	.00405	.00104	.00003
%RSD	1394.9	43.481	.33533	22.201	20.486	.57001	.88917	26.069

#1	-.00283	-.00457	.08322	.00597	.00212	.70709	.11673	.00009
#2	.00231	-.00242	.08283	.00435	.00284	.71282	.11821	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00050	26.833	.00205	.00871	.05570	1.1836	.37808	.94008
Stddev	.00004	.050	.00023	.00003	.00087	.0006	.00036	.03787
%RSD	7.4322	.18525	11.323	.38145	1.5682	.05170	.09405	4.0280

#1	.00047	26.798	.00222	.00869	.05508	1.1841	.37782	.96686
#2	.00053	26.868	.00189	.00873	.05632	1.1832	.37833	.91331

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00723	-.00003	313.36	.00084	.15065	2.6062	.00030	.00916
Stddev	.00025	.00028	.64	.00048	.00025	.0430	.00031	.01313
%RSD	3.4575	930.40	.20539	57.347	.16700	1.6510	103.33	143.38

#1	.00740	.00017	313.82	.00118	.15047	2.5758	.00051	-.00013
#2	.00705	-.00022	312.91	.00050	.15082	2.6367	.00008	.01844

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0441	2.2757	.00468	.04807	.00665	.0396	.04946	10.298
Stddev	.0036	.0150	.00154	.00131	.00056	.0001	.00002	.296
%RSD	.17638	.66030	32.859	2.7173	8.4014	.3395	.03168	2.8702

#1	2.0415	2.2651	.00359	.04714	.00704	.0395	.04945	10.507
#2	2.0466	2.2863	.00576	.04899	.00625	.0397	.04947	10.089

Sample Name: J5100-04 Acquired: 9/27/2018 21:30:44 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HS-STONE-RO- Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .82992
 Stddev .01119
 %RSD 1.3478

#1 .83783
 #2 .82201

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1973.0	35829.	4121.8	98.903	3049.2
Stddev	3.3	112.	5.8	.402	5.8
%RSD	.16571	.31348	.14122	.40676	.19173

#1	1970.7	35750.	4125.9	98.619	3045.1
#2	1975.3	35909.	4117.7	99.188	3053.3

Sample Name: J5033-06DLX2 Acquired: 9/27/2018 21:34:52 Type: Unk
Method: P4-ICP2(v2462) 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	.00120	-.00044	-.00072	.00495	.00014	.06161	.02725	.00003
Stddev	.00034	.00251	.00046	.00133	.00082	.00499	.00044	.00004
%RSD	28.306	573.83	63.032	26.956	608.06	8.0942	1.6277	142.80

#1	.00096	.00134	-.00040	.00400	-.00045	.06514	.02693	-.00000
#2	.00145	-.00221	-.00105	.00589	.00072	.05809	.02756	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00034	12.235	.05324	.00013	.00170	.02990	.01613	4.0653
Stddev	.00009	.019	.00047	.00028	.00002	.00874	.00012	.0725
%RSD	26.210	.15321	.88737	214.58	1.2610	29.232	.75514	1.7836

#1	-.00040	12.248	.05291	-.00007	.00171	.02372	.01605	4.0140
#2	-.00028	12.222	.05358	.00033	.00168	.03608	.01622	4.1166

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00150	-.00060	43.681	-.00020	.07933	1.5353	-.00005	.04069
Stddev	.00020	.00008	.234	.00036	.00170	.0059	.00026	.01315
%RSD	13.357	12.997	.53636	185.69	2.1458	.38391	530.34	32.321

#1	.00135	-.00055	43.847	-.00045	.08054	1.5395	.00013	.03139
#2	.00164	-.00066	43.515	.00006	.07813	1.5312	-.00023	.04999

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4495	2.8896	.00011	-.00059	.00629	.0022	.11389	6.9668
Stddev	.0062	.0240	.00064	.00029	.01204	.0023	.00034	.1143
%RSD	.13832	.83001	565.92	49.247	191.33	105.5	.30146	1.6401

#1	4.4451	2.9066	-.00034	-.00039	-.00222	.0006	.11413	7.0476
#2	4.4538	2.8727	.00057	-.00080	.01480	.0039	.11365	6.8860

Sample Name: J5033-06DLX2 Acquired: 9/27/2018 21:34:52 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .27756
%RSD 32.177

#1 -.66636
#2 -1.0589

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2086.2	37703.	4125.8	98.584	3374.8
Stddev	2.8	29.	25.5	2.000	2.0
%RSD	.13199	.07702	.61873	2.0290	.05946

#1	2088.1	37724.	4107.8	97.169	3376.2
#2	2084.2	37683.	4143.9	99.998	3373.4

Sample Name: J5033-08DLX2 Acquired: 9/27/2018 21:38:54 Type: Unk
Method: P4-ICP2(v2462) 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	.00254	.00041	.00033	.00296	.00063	.04935	.05584	.00005
Stddev	.00094	.00233	.00048	.00068	.00262	.00637	.00020	.00001
%RSD	36.810	573.13	145.20	22.963	415.70	12.909	.35462	30.121

#1	.00321	.00205	-.00001	.00344	.00248	.04484	.05598	.00006
#2	.00188	-.00124	.00067	.00248	-.00122	.05385	.05570	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	13.413	.00384	.00305	.00469	.15973	.05227	3.6845
Stddev	.00000	.122	.00081	.00022	.00078	.00100	.00005	.0577
%RSD	1.6034	.90633	21.217	7.1909	16.640	.62641	.09571	1.5646

#1	-.00030	13.327	.00441	.00321	.00413	.16043	.05231	3.6438
#2	-.00029	13.499	.00326	.00290	.00524	.15902	.05223	3.7253

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00054	-.00063	53.413	-.00026	.03809	1.7345	-.00023	.03974
Stddev	.00007	.00017	.156	.00035	.00069	.0200	.00021	.00661
%RSD	13.437	26.812	.29121	138.66	1.8098	1.1537	89.336	16.637

#1	.00059	-.00051	53.303	-.00051	.03760	1.7486	-.00009	.03507
#2	.00049	-.00075	53.523	-.00001	.03858	1.7203	-.00038	.04442

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2347	2.6769	-.00128	.00051	-.01015	.0007	.10959	6.3356
Stddev	.0064	.0257	.00116	.00032	.00971	.0010	.00005	.4106
%RSD	.12191	.96012	90.768	62.834	95.625	135.3	.04578	6.4815

#1	5.2302	2.6587	-.00046	.00074	-.00329	.0014	.10955	6.0452
#2	5.2392	2.6950	-.00210	.00028	-.01702	.0000	.10963	6.6259

Sample Name: J5033-08DLX2 Acquired: 9/27/2018 21:38:54 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .20880
 %RSD 28.059

#1 -.59649
 #2 -.89177

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2069.0	37637.	4124.7	96.951	3334.3
Stddev	3.4	117.	15.7	1.701	1.2
%RSD	.16535	.31101	.38170	1.7544	.03634

#1	2066.6	37555.	4135.8	98.154	3333.4
#2	2071.4	37720.	4113.5	95.749	3335.1

Sample Name: J5033-10DLX2 Acquired: 9/27/2018 21:42:57 Type: Unk
Method: P4-ICP2(v2462) 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	.00087	.00068	.00090	.00343	.00078	.11636	.02808	.00009
Stddev	.00002	.00112	.00008	.00070	.00091	.00940	.00008	.00003
%RSD	2.8185	164.32	9.3885	20.555	116.12	8.0786	.30267	32.461

#1	.00085	.00148	.00084	.00293	.00143	.12301	.02802	.00007
#2	.00088	-.00011	.00096	.00393	.00014	.10972	.02814	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	8.9626	.00372	.00181	.45093	.26861	.04038	2.5158
Stddev	.00001	.0315	.00010	.00025	.00152	.00202	.00028	.0700
%RSD	4.2775	.35138	2.6196	13.635	.33737	.75203	.68655	2.7841

#1	-.00016	8.9849	.00365	.00163	.45201	.26718	.04058	2.5653
#2	-.00017	8.9404	.00379	.00198	.44986	.27004	.04018	2.4663

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00222	.00013	49.116	.00270	.16014	1.2571	.08333	.03422
Stddev	.00051	.00007	.403	.00015	.00238	.0402	.00050	.00857
%RSD	22.842	55.330	.81970	5.6570	1.4884	3.2007	.60461	25.058

#1	.00186	.00018	49.400	.00281	.15846	1.2287	.08368	.02816
#2	.00258	.00008	48.831	.00260	.16183	1.2856	.08297	.04028

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4289	2.1006	-.00015	.00216	-.02025	.1064	.06282	6.4218
Stddev	.0008	.0037	.00061	.00090	.00339	.0038	.00034	.0707
%RSD	.02368	.17525	393.54	41.747	16.718	3.591	.53658	1.1001

#1	3.4284	2.1032	.00027	.00152	-.01786	.1091	.06306	6.3718
#2	3.4295	2.0980	-.00058	.00279	-.02265	.1037	.06258	6.4717

Sample Name: J5033-10DLX2 Acquired: 9/27/2018 21:42:57 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .03633
%RSD 7.9546

#1 -.43106
#2 -.48244

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2067.0	37640.	4167.4	100.22	3343.7
Stddev	16.2	92.	18.2	.97	19.9
%RSD	.78153	.24508	.43699	.96993	.59598

#1	2055.6	37574.	4154.5	100.90	3329.6
#2	2078.5	37705.	4180.3	99.530	3357.8

Sample Name: J5033-11DLX2 Acquired: 9/27/2018 21:46:59 Type: Unk
Method: P4-ICP2(v2462) 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	.00037	.00047	-.00033	.00276	-.00022	1.0688	.03490	.00002
Stddev	.00361	.00043	.00111	.00153	.00000	.0010	.00200	.00004
%RSD	968.01	92.337	337.15	55.278	1.3449	.08889	5.7402	192.90

#1	.00293	.00078	-.00112	.00168	-.00022	1.0695	.03348	-.00001
#2	-.00218	.00016	.00046	.00384	-.00023	1.0681	.03632	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	8.6305	.28619	.00315	.01625	2.5752	.05687	2.7461
Stddev	.00004	.0198	.00076	.00014	.00005	.0285	.00021	.0249
%RSD	16.517	.22945	.26483	4.5574	.27698	1.1065	.36235	.90718

#1	-.00028	8.6445	.28565	.00325	.01629	2.5550	.05701	2.7285
#2	-.00022	8.6165	.28673	.00305	.01622	2.5953	.05672	2.7637

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16210	-.00009	49.446	.00357	.07433	1.0728	.00782	.02559
Stddev	.00083	.00008	.122	.00005	.00001	.0147	.00058	.01260
%RSD	.50976	85.823	.24759	1.5099	.01250	1.3657	7.4196	49.239

#1	.16268	-.00003	49.359	.00361	.07432	1.0832	.00823	.03451
#2	.16152	-.00014	49.532	.00353	.07434	1.0624	.00741	.01668

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4809	3.3232	.00061	.03811	-.01803	.0093	.05633	4.4891
Stddev	.0264	.0323	.00019	.00186	.01458	.0021	.00040	.0965
%RSD	.58837	.97097	31.759	4.8685	80.895	22.93	.70175	2.1488

#1	4.4996	3.3460	.00075	.03943	-.00771	.0108	.05605	4.4208
#2	4.4623	3.3004	.00048	.03680	-.02834	.0078	.05661	4.5573

Sample Name: J5033-11DLX2 Acquired: 9/27/2018 21:46:59 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.23041
Stddev	.24521
%RSD	106.42

#1	.40380
#2	.05702

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2073.0	38048.	4175.3	97.629	3341.0
Stddev	12.1	251.	13.7	.446	17.2
%RSD	.58190	.65864	.32802	.45674	.51481

#1	2064.4	37871.	4165.6	97.314	3328.8
#2	2081.5	38225.	4185.0	97.944	3353.2

Sample Name: J5033-12DLX2 Acquired: 9/27/2018 21:51:00 Type: Unk
Method: P4-ICP2(v2462) 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	.00314	-.00051	-.00057	.00298	.00053	.03949	.01741	.00003
Stddev	.00318	.00261	.00127	.00109	.00146	.00606	.00022	.00009
%RSD	101.35	508.05	222.05	36.435	274.54	15.338	1.2638	260.09

#1	.00539	-.00236	-.00147	.00375	-.00050	.04377	.01757	-.00003
#2	.00089	.00133	.00033	.00221	.00156	.03521	.01726	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00051	6.6874	.00120	.00023	.00147	.02841	.00498	1.6017
Stddev	.00013	.0550	.00021	.00008	.00049	.01806	.00011	.0108
%RSD	26.661	.82310	17.708	36.013	33.374	63.581	2.3007	.67658

#1	.00041	6.6485	.00135	.00017	.00113	.01564	.00506	1.5940
#2	.00060	6.7263	.00105	.00028	.00182	.04118	.00490	1.6094

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00053	.00029	32.331	.00012	.03309	.97648	-.00009	.02760
Stddev	.00008	.00045	.167	.00004	.00055	.07445	.00018	.00526
%RSD	14.905	157.91	.51655	29.019	1.6754	7.6245	205.22	19.050

#1	.00058	-.00003	32.450	.00015	.03348	.92383	-.00021	.03132
#2	.00047	.00061	32.213	.00010	.03270	1.0291	.00004	.02388

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3258	1.9736	.00004	.00135	-.02299	.0012	.04972	3.8917
Stddev	.0007	.0106	.00038	.00025	.00707	.0014	.00012	.2511
%RSD	.03187	.53617	961.01	18.355	30.740	120.5	.24962	6.4509

#1	2.3252	1.9810	.00031	.00118	-.02798	.0022	.04981	4.0692
#2	2.3263	1.9661	-.00023	.00153	-.01799	.0002	.04963	3.7142

Sample Name: J5033-12DLX2 Acquired: 9/27/2018 21:51:00 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .21059
%RSD 24.085

#1 -1.0233
#2 -.72546

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2089.9	38499.	4159.3	101.16	3420.3
Stddev	11.5	166.	25.7	2.01	17.0
%RSD	.55016	.43146	.61746	1.9827	.49735

#1	2081.8	38381.	4141.2	99.744	3408.3
#2	2098.0	38616.	4177.5	102.58	3432.3

Sample Name: J5033-13DLX2 Acquired: 9/27/2018 21:55:05 Type: Unk
Method: P4-ICP2(v2462) 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	-.00073	-.00028	.00047	.00350	.00078	.05123	.03860	.00003
Stddev	.00071	.00184	.00069	.00319	.00195	.00235	.00093	.00005
%RSD	96.771	664.21	146.86	91.342	250.44	4.5928	2.4032	165.08

#1	-.00023	-.00158	-.00002	.00124	-.00060	.04957	.03925	.00007
#2	-.00123	.00103	.00095	.00575	.00215	.05289	.03794	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	12.659	.00138	-.00005	.00433	.03120	.00317	2.5553
Stddev	.00001	.066	.00014	.00049	.00032	.00350	.00009	.0421
%RSD	6.3253	.52237	10.448	1020.8	7.4404	11.210	2.9756	1.6491

#1	-.00020	12.612	.00128	.00030	.00411	.02872	.00324	2.5255
#2	-.00019	12.706	.00148	-.00039	.00456	.03367	.00311	2.5851

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00062	.00023	55.382	-.00005	.02792	2.1171	-.00006	.04398
Stddev	.00013	.00007	.167	.00030	.00064	.0069	.00031	.00250
%RSD	20.704	30.815	.30136	560.22	2.3095	.32582	494.61	5.6920

#1	.00052	.00028	55.264	-.00026	.02838	2.1220	-.00028	.04221
#2	.00071	.00018	55.500	.00016	.02746	2.1123	.00015	.04575

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0855	2.0322	-.00087	.00133	-.00963	.0056	.06940	5.1984
Stddev	.0469	.0183	.00058	.00320	.00398	.0004	.00010	1.2319
%RSD	.77042	.89928	66.699	240.51	41.292	6.730	.14774	23.698

#1	6.0524	2.0451	-.00128	.00359	-.00682	.0058	.06948	4.3273
#2	6.1187	2.0193	-.00046	-.00093	-.01245	.0053	.06933	6.0695

Sample Name: J5033-13DLX2 Acquired: 9/27/2018 21:55:05 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .64020
 %RSD 150.97

#1 -.87674
 #2 .02864

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2067.5	37995.	4185.0	99.861	3335.3
Stddev	15.4	62.	1.7	1.797	34.3
%RSD	.74435	.16226	.04181	1.7998	1.0272

#1	2078.4	38039.	4183.8	98.591	3359.6
#2	2056.6	37952.	4186.2	101.13	3311.1

Sample Name: J5033-14DLX2 Acquired: 9/27/2018 21:59:09 Type: Unk
Method: P4-ICP2(v2462) 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	.00143	-.00017	-.00014	.00469	.00077	.09149	.05446
Stddev	.00002	.00227	.00025	.00005	.00185	.00493	.00062
%RSD	1.0526	1336.5	181.20	1.0042	240.76	5.3836	1.1442

#1	.00142	.00144	.00004	.00473	-.00054	.09497	.05402
#2	.00144	-.00177	-.00031	.00466	.00208	.08800	.05490

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00151	7.3570	.00328	-.00007	.00182	.07398
Stddev	.00007	.00002	.0129	.00009	.00004	.00036	.01471
%RSD	328.61	1.6180	.17496	2.7217	48.815	19.805	19.887

#1	.00007	.00153	7.3479	.00321	-.00005	.00156	.08438
#2	-.00003	.00150	7.3661	.00334	-.00010	.00207	.06358

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00293	2.7264	.00105	-.00016	52.852	.00039	.02438
Stddev	.00003	.0183	.00009	.00016	.278	.00043	.00021
%RSD	1.1752	.67111	8.3801	103.27	.52671	108.55	.86934

#1	.00295	2.7394	.00099	-.00027	53.049	.00009	.02453
#2	.00290	2.7135	.00111	-.00004	52.655	.00069	.02423

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4391	-.00003	.02781	5.4835	4.3166	-.00064	.00211
Stddev	.0027	.00035	.02146	.0048	.0028	.00149	.00174
%RSD	.18671	1363.0	77.177	.08744	.06506	233.66	82.668

#1	1.4410	.00022	.01263	5.4801	4.3146	.00042	.00334
#2	1.4372	-.00027	.04299	5.4868	4.3186	-.00169	.00088

Sample Name: J5033-14DLX2 Acquired: 9/27/2018 21:59:09 Type: Unk
 Method: P4-ICP2(v2462) 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	.00183	.0005	.11185	5.3273	F<.00000
Stddev	.01089	.0019	.00009	.0410	.06636
%RSD	596.31	414.6	.08370	.77003	5.6258

#1	.00953	.0018	.11178	5.2983	-1.2264
#2	-.00587	-.0009	.11191	5.3563	-1.1326

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2080.4	38044.	4149.8	98.913	3363.8
Stddev	5.7	228.	21.0	1.054	10.2
%RSD	.27380	.59983	.50662	1.0656	.30429

#1	2076.4	37882.	4134.9	98.167	3356.6
#2	2084.4	38205.	4164.6	99.658	3371.0

Sample Name: J5033-15DLX2 Acquired: 9/27/2018 22:03:12 Type: Unk
Method: P4-ICP2(v2462) 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	.00193	.00141	-.00048	.00505	.00051	.09385	.08215	.00001
Stddev	.00226	.00093	.00058	.00055	.00089	.00136	.00018	.00004
%RSD	116.87	65.922	122.35	10.891	175.05	1.4543	.21816	436.57

#1	.00353	.00207	-.00089	.00466	-.00012	.09288	.08202	.00004
#2	.00034	.00075	-.00006	.00544	.00114	.09481	.08228	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	18.047	.00147	.00015	.00326	.12178	.02731	7.9690
Stddev	.00003	.149	.00029	.00002	.00015	.01061	.00010	.1115
%RSD	8.3263	.82701	19.998	10.525	4.5146	8.7098	.35667	1.3988

#1	-.00028	17.941	.00126	.00014	.00315	.12928	.02737	7.8902
#2	-.00032	18.152	.00167	.00016	.00336	.11428	.02724	8.0479

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00164	.00022	36.095	.00057	.02797	2.5137	-.00023	.03620
Stddev	.00001	.00010	.127	.00001	.00053	.0269	.00025	.00539
%RSD	.56434	47.122	.35299	1.0353	1.8851	1.0702	109.36	14.884

#1	.00164	.00015	36.005	.00056	.02760	2.4947	-.00041	.03239
#2	.00163	.00029	36.186	.00057	.02835	2.5327	-.00005	.04001

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.8085	3.8292	-.00195	.00222	-.00683	.0008	.19660	7.1077
Stddev	.0052	.0503	.00004	.00080	.00694	.0022	.00065	.2525
%RSD	.06658	1.3125	2.1840	35.923	101.68	275.1	.33032	3.5524

#1	7.8049	3.7937	-.00192	.00278	-.01174	-.0007	.19614	6.9292
#2	7.8122	3.8648	-.00198	.00165	-.00192	.0023	.19706	7.2863

Sample Name: J5033-15DLX2 Acquired: 9/27/2018 22:03:12 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .13084
%RSD 19.623

#1 -.57423
#2 -.75926

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2069.7	37756.	4109.4	97.684	3348.7
Stddev	13.6	143.	11.3	1.162	16.0
%RSD	.65518	.37969	.27559	1.1896	.47899

#1	2060.2	37655.	4117.4	98.506	3337.3
#2	2079.3	37858.	4101.4	96.863	3360.0

Sample Name: CCV12 Acquired: 9/27/2018 22:07:16 Type: Unk
Method: P4-ICP2(v2462) 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	5.1098	5.1091	5.0069	5.1703	5.2718	10.837	10.040	.25310
Stddev	.0335	.0035	.0088	.0100	.0077	.011	.017	.00036
%RSD	.65633	.06868	.17616	.19383	.14602	.10152	.17082	.14041
#1	5.1335	5.1116	5.0007	5.1774	5.2772	10.829	10.028	.25285
#2	5.0861	5.1066	5.0132	5.1632	5.2663	10.844	10.052	.25336
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5518	25.545	1.0067	2.5414	1.2795	5.1260	2.5581	25.083
Stddev	.0067	.086	.0003	.0055	.0016	.1170	.0081	.176
%RSD	.26212	.33678	.02911	.21448	.12615	2.2832	.31797	.70002
#1	2.5471	25.605	1.0069	2.5376	1.2783	5.0433	2.5523	25.207
#2	2.5565	25.484	1.0065	2.5453	1.2806	5.2088	2.5639	24.959
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5368	1.2539	24.703	2.5334	2.5777	25.518	5.1752	5.1707
Stddev	.0066	.0035	.083	.0033	.0655	.057	.0050	.0049
%RSD	.26220	.27639	.33416	.12959	2.5405	.22161	.09580	.09411
#1	2.5321	1.2515	24.645	2.5310	2.5314	25.478	5.1787	5.1741
#2	2.5416	1.2564	24.762	2.5357	2.6240	25.558	5.1717	5.1672
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0679	4.8767	4.9444	5.1746	4.7376	5.201	5.1772	F 8.1741
Stddev	.0079	.0004	.0056	.0292	.0028	.006	.0037	.8387
%RSD	.15593	.00864	.11403	.56489	.05909	.1134	.07141	10.260
#1	5.0623	4.8770	4.9404	5.1953	4.7396	5.197	5.1798	7.5811
#2	5.0734	4.8764	4.9484	5.1539	4.7356	5.205	5.1746	8.7671

Sample Name: CCV12 Acquired: 9/27/2018 22:07:16 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1.9752
 Stddev .0885
 %RSD 4.4798

#1 1.9126
 #2 2.0377

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2082.5	37717.	4163.2	97.517	3212.7
Stddev	6.4	44.	4.9	2.244	.7
%RSD	.30546	.11637	.11772	2.3006	.02186

#1	2078.0	37748.	4166.7	99.103	3213.2
#2	2087.0	37686.	4159.8	95.931	3212.2

Sample Name: CCB12 Acquired: 9/27/2018 22:11:02 Type: Unk
Method: P4-ICP2(v2462) 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	-.00036	.00166	-.00026	.00032	-.00008	.00193	-.00009
Stddev	.00279	.00099	.00036	.00310	.00028	.01308	.00088
%RSD	779.28	59.430	140.87	955.72	346.91	676.78	956.50

#1	.00161	.00236	-.00000	-.00187	.00012	-.00732	-.00071
#2	-.00233	.00096	-.00052	.00252	-.00028	.01118	.00053

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00023	.00715	.00032	-.00007	-.00036	-.00398
Stddev	.00002	.00003	.00333	.00015	.00013	.00033	.00186
%RSD	104.51	14.801	46.529	45.747	180.16	92.276	46.748

#1	.00001	-.00025	.00480	.00022	-.00017	-.00012	-.00530
#2	.00003	-.00021	.00951	.00043	.00002	-.00059	-.00266

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00955	-.00008	-.00016	-.34312	.00002	-.00028
Stddev	.00001	.00466	.00007	.00004	.00089	.00001	.00011
%RSD	20.162	48.833	89.548	27.690	.25849	36.237	40.775

#1	.00005	.01285	-.00003	-.00019	-.34375	.00002	-.00036
#2	.00006	.00625	-.00013	-.00013	-.34249	.00003	-.00020

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07999	.00156	.01993	-.00611	.00127	-.00000	.00052
Stddev	.00089	.00001	.00134	.00357	.00128	.00149	.00065
%RSD	1.1136	.57787	6.7364	58.437	100.87	438190.	126.23

#1	-.08062	.00156	.02088	-.00358	.00036	-.00105	.00098
#2	-.07936	.00155	.01898	-.00863	.00217	.00105	.00006

Sample Name: CCB12 Acquired: 9/27/2018 22:11:02 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01574	-.0009	.00005	F 2.9310	F<.00000
Stddev	.01416	.0002	.00005	.4320	.34764
%RSD	89.960	22.37	101.05	14.737	29.772

#1	-.02575	-.0007	.00008	3.2365	-1.4135
#2	-.00573	-.0010	.00001	2.6256	-.92184

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2142.6	39326.	4161.6	100.16	3586.2
Stddev	1.3	8.	24.1	1.79	2.9
%RSD	.05914	.02070	.58024	1.7854	.08029

#1	2143.5	39332.	4178.7	101.42	3588.2
#2	2141.7	39321.	4144.6	98.891	3584.1

Sample Name: J5033-20DLX2 Acquired: 9/27/2018 22:15:08 Type: Unk
Method: P4-ICP2(v2462) 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	-.00196	.00055	-.00032	.00064	.00143	.09991	.01655	-.00004
Stddev	.00086	.00386	.00011	.00148	.00315	.01231	.00043	.00000
%RSD	44.175	700.14	33.036	231.86	220.13	12.322	2.5953	3.1286

#1	-.00134	.00328	-.00024	-.00041	.00366	.09121	.01624	-.00004
#2	-.00257	-.00218	-.00039	.00169	-.00080	.10862	.01685	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	6.8470	.00300	.00007	.00185	.07041	.00687	1.6574
Stddev	.00009	.4133	.00021	.00005	.00029	.00181	.00004	.0432
%RSD	39.287	6.0362	6.8585	79.809	15.830	2.5726	.63217	2.6066

#1	.00017	6.5548	.00286	.00003	.00206	.07170	.00690	1.6269
#2	.00030	7.1393	.00315	.00010	.00164	.06913	.00684	1.6880

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00307	.00049	38.754	.00053	.03948	1.2691	.00054	.04010
Stddev	.00057	.00009	2.150	.00013	.00149	.0566	.00004	.00027
%RSD	18.642	17.967	5.5479	24.522	3.7644	4.4582	7.9162	.67143

#1	.00348	.00043	37.234	.00062	.03843	1.2291	.00051	.04029
#2	.00267	.00056	40.274	.00044	.04053	1.3091	.00057	.03991

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9699	2.0358	-.00053	.00420	-.02253	.0016	.05188	5.8662
Stddev	.0110	.1258	.00064	.00154	.00143	.0017	.00314	.6419
%RSD	.27620	6.1780	120.35	36.606	6.3428	102.6	6.0496	10.941

#1	3.9777	1.9468	-.00008	.00311	-.02152	.0004	.04966	5.4123
#2	3.9622	2.1247	-.00098	.00529	-.02354	.0028	.05410	6.3200

Sample Name: J5033-20DLX2 Acquired: 9/27/2018 22:15:08 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .36539
%RSD 37.011

#1 -1.2456
#2 -.72888

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2082.0	37990.	4317.5	103.33	3388.4
Stddev	10.2	57.	218.6	3.61	16.1
%RSD	.49161	.14926	5.0628	3.4919	.47649

#1	2074.7	37950.	4472.0	105.88	3377.0
#2	2089.2	38030.	4162.9	100.77	3399.9

Sample Name: J5033-21DLX2 Acquired: 9/27/2018 22:19:11 Type: Unk
Method: P4-ICP2(v2462) 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	.00099	-.00059	-.00051	.00134	.00075	.08046	.01750	-.00001
Stddev	.00089	.00026	.00042	.00091	.00030	.01152	.00008	.00001
%RSD	89.509	43.735	82.890	68.282	40.317	14.320	.46724	88.010

#1	.00036	-.00078	-.00081	.00198	.00096	.08860	.01744	-.00002
#2	.00161	-.00041	-.00021	.00069	.00053	.07231	.01755	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	7.1220	.00376	.00017	.00512	.07398	.00453	1.7412
Stddev	.00011	.0484	.00074	.00005	.00002	.00041	.00004	.0274
%RSD	36.109	.67992	19.626	26.802	.31812	.55828	.86710	1.5720

#1	.00022	7.0878	.00428	.00020	.00513	.07369	.00456	1.7606
#2	.00037	7.1563	.00324	.00014	.00510	.07427	.00451	1.7219

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00359	.00037	40.120	.00026	.02460	1.3052	.00026	.02824
Stddev	.00021	.00015	.266	.00019	.00042	.0049	.00035	.00415
%RSD	5.8776	41.276	.66279	75.871	1.6977	.37864	131.57	14.683

#1	.00344	.00026	39.932	.00039	.02431	1.3017	.00002	.03117
#2	.00374	.00048	40.308	.00012	.02490	1.3087	.00051	.02531

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9551	2.1049	-.00070	.00001	-.00473	-.0004	.05404	5.0573
Stddev	.0098	.0166	.00099	.00051	.00664	.0014	.00008	.5360
%RSD	.24879	.78933	142.98	4032.0	140.37	352.0	.14848	10.599

#1	3.9621	2.0932	.00001	.00038	-.00004	.0006	.05410	5.4364
#2	3.9482	2.1167	-.00140	-.00035	-.00942	-.0014	.05398	4.6783

Sample Name: J5033-21DLX2 Acquired: 9/27/2018 22:19:11 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .05014
%RSD 5.7466

#1 -.83706
#2 -.90797

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2082.9	38313.	4165.5	98.495	3392.5
Stddev	.1	86.	25.5	1.033	10.2
%RSD	.00509	.22493	.61157	1.0488	.29974

#1	2082.9	38252.	4183.5	99.225	3385.3
#2	2082.8	38374.	4147.5	97.765	3399.7

Sample Name: J5033-28DLX2 Acquired: 9/27/2018 22:23:15 Type: Unk
Method: P4-ICP2(v2462) 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	.00230	-.00205	.00024	.00217	-.00033	-.00576	.02607	-.00001
Stddev	.00406	.00143	.00010	.00068	.00031	.00457	.00021	.00003
%RSD	176.37	69.695	43.039	31.307	92.923	79.383	.80573	211.76

#1	-.00057	-.00307	.00031	.00265	-.00055	-.00253	.02592	-.00003
#2	.00517	-.00104	.00017	.00169	-.00011	-.00899	.02622	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	12.348	.05628	.00017	-.00049	.01798	.00177	4.0752
Stddev	.00007	.061	.00029	.00021	.00007	.00537	.00003	.1408
%RSD	32.668	.49026	.51827	125.44	13.735	29.858	1.4683	3.4554

#1	-.00015	12.305	.05649	.00002	-.00044	.01418	.00179	3.9756
#2	-.00025	12.391	.05608	.00032	-.00054	.02178	.00175	4.1747

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00032	.00007	45.177	-.00015	.01856	1.5065	-.00003	.03515
Stddev	.00019	.00016	.191	.00010	.00034	.0008	.00031	.00261
%RSD	59.963	233.44	.42311	69.275	1.8354	.05615	1218.5	7.4229

#1	.00045	.00018	45.041	-.00022	.01880	1.5059	-.00024	.03331
#2	.00018	-.00004	45.312	-.00008	.01832	1.5071	.00019	.03700

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5105	2.9569	-.00008	-.00014	-.00393	.0023	.11580	4.7591
Stddev	.0088	.0058	.00047	.00315	.00331	.0020	.00024	.2379
%RSD	.19542	.19671	575.68	2227.5	84.161	85.80	.20798	4.9995

#1	4.5042	2.9528	.00025	.00208	-.00627	.0009	.11563	4.5908
#2	4.5167	2.9610	-.00042	-.00237	-.00159	.0037	.11597	4.9273

Sample Name: J5033-28DLX2 Acquired: 9/27/2018 22:23:15 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .56475
%RSD 74.624

#1 -1.1561
#2 -.35745

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2071.3	38079.	4156.9	100.63	3364.4
Stddev	3.3	186.	2.5	1.50	1.6
%RSD	.16081	.48725	.06043	1.4874	.04703

#1	2068.9	37948.	4155.1	99.576	3363.3
#2	2073.6	38210.	4158.7	101.69	3365.5

Sample Name: J5033-30DLX4 Acquired: 9/27/2018 22:27:18 Type: Unk
Method: P4-ICP2(v2462) 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	.00526	-.00122	.00047	.00561	.00202	.00212	.03180	.00008
Stddev	.00076	.00022	.00026	.00087	.00059	.01346	.00128	.00006
%RSD	14.389	17.920	55.061	15.571	29.203	633.97	4.0126	81.367

#1	.00580	-.00106	.00065	.00623	.00160	.01164	.03089	.00012
#2	.00473	-.00137	.00029	.00499	.00243	-.00739	.03270	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00032	7.8559	.00192	.00169	-.00085	.05986	.02644	2.1223
Stddev	.00003	.1340	.00029	.00013	.00030	.00319	.00039	.0039
%RSD	9.3044	1.7063	14.973	7.5243	34.663	5.3324	1.4805	.18439

#1	-.00034	7.7611	.00172	.00160	-.00106	.06212	.02672	2.1195
#2	-.00030	7.9506	.00213	.00178	-.00064	.05760	.02616	2.1250

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00044	.00012	31.347	-.00000	.00901	.95389	-.00029	.02177
Stddev	.00039	.00003	.327	.00049	.00009	.01825	.00004	.00112
%RSD	87.315	23.986	1.0434	28492.	.95321	1.9130	13.660	5.1673

#1	.00071	.00010	31.115	-.00035	.00894	.96680	-.00026	.02098
#2	.00017	.00014	31.578	.00034	.00907	.94099	-.00031	.02257

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8721	1.5802	.00032	.00003	-.01484	.0009	.06430	3.7806
Stddev	.0620	.0050	.00128	.00049	.00946	.0016	.00117	.1521
%RSD	2.1579	.31404	397.59	1687.3	63.754	176.1	1.8213	4.0225

#1	2.9159	1.5767	.00123	.00038	-.02153	-.0002	.06348	3.6731
#2	2.8283	1.5837	-.00058	-.00032	-.00815	.0021	.06513	3.8882

Sample Name: J5033-30DLX4 Acquired: 9/27/2018 22:27:18 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .09216
%RSD 12.670

#1 -.66221
#2 -.79255

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2101.5	38539.	4131.2	96.865	3429.4
Stddev	14.4	95.	50.5	2.464	23.2
%RSD	.68326	.24749	1.2232	2.5441	.67633

#1	2091.3	38472.	4167.0	98.607	3413.0
#2	2111.6	38607.	4095.5	95.122	3445.8

Sample Name: J5033-35DLX2 Acquired: 9/27/2018 22:31:21 Type: Unk
Method: P4-ICP2(v2462) 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	.00179	-.00093	.00039	.00439	-.00070	.52394	.03276	.00002
Stddev	.00242	.00311	.00049	.00033	.00019	.02224	.00013	.00007
%RSD	135.29	335.79	126.67	7.5442	26.821	4.2441	.41179	419.87

#1	.00008	-.00313	.00004	.00416	-.00057	.50822	.03285	.00007
#2	.00350	.00127	.00073	.00463	-.00084	.53966	.03266	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	10.406	.00442	-.00013	.00031	.77702	.00452	2.0773
Stddev	.00001	.007	.00012	.00021	.00001	.00836	.00003	.0080
%RSD	7.0829	.06614	2.6295	159.46	3.5520	1.0755	.67836	.38529

#1	-.00018	10.401	.00450	-.00028	.00031	.77111	.00450	2.0830
#2	-.00020	10.410	.00433	.00002	.00030	.78293	.00454	2.0717

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00196	.00071	45.499	.00127	.01292	1.8287	.00003	.04249
Stddev	.00118	.00051	.116	.00031	.00029	.0075	.00006	.00920
%RSD	60.452	72.339	.25531	24.800	2.2184	.41198	205.17	21.661

#1	.00112	.00035	45.417	.00149	.01271	1.8340	.00007	.04900
#2	.00279	.00108	45.581	.00104	.01312	1.8234	-.00001	.03598

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1446	2.1327	-.00049	.01246	-.02345	.0098	.05688	6.2604
Stddev	.0080	.0024	.00134	.00026	.00113	.0016	.00003	.5923
%RSD	.15588	.11390	274.64	2.1166	4.8045	16.26	.04651	9.4605

#1	5.1390	2.1310	.00046	.01227	-.02425	.0087	.05690	6.6791
#2	5.1503	2.1344	-.00144	.01265	-.02265	.0110	.05686	5.8416

Sample Name: J5033-35DLX2 Acquired: 9/27/2018 22:31:21 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .20177
%RSD 41.848

#1 -.33948
#2 -.62482

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2084.9	38033.	4159.3	97.228	3366.7
Stddev	13.2	128.	20.5	.849	16.7
%RSD	.63376	.33524	.49341	.87367	.49536

#1	2075.6	37943.	4144.8	97.828	3354.9
#2	2094.3	38123.	4173.8	96.627	3378.4

Sample Name: J5033-36DLX2 Acquired: 9/27/2018 22:35:25 Type: Unk
Method: P4-ICP2(v2462) 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	-.00335	-.00060	-.00120	.00227	-.00016	.04456	.05737	.00001
Stddev	.00006	.00072	.00069	.00295	.00094	.00262	.00138	.00005
%RSD	1.7190	120.32	57.223	130.12	587.57	5.8714	2.4104	657.44

#1	-.00330	-.00009	-.00169	.00018	.00050	.04641	.05639	-.00003
#2	-.00339	-.00111	-.00071	.00435	-.00082	.04271	.05835	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00159	7.8027	.00443	.00000	-.00073	.04658	.00074	2.8386
Stddev	.00002	.0366	.00016	.00005	.00017	.00703	.00008	.0240
%RSD	1.5131	.46954	3.5884	1338.8	23.338	15.084	10.552	.84609

#1	.00158	7.7768	.00454	-.00003	-.00061	.04161	.00069	2.8555
#2	.00161	7.8286	.00432	.00004	-.00085	.05154	.00080	2.8216

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00158	-.00025	54.322	-.00057	.02308	1.3880	.00008	.02710
Stddev	.00002	.00032	.403	.00044	.00035	.0159	.00007	.00606
%RSD	1.5489	126.97	.74141	77.183	1.5249	1.1453	86.159	22.371

#1	.00160	-.00003	54.607	-.00026	.02333	1.3992	.00013	.03139
#2	.00156	-.00048	54.038	-.00087	.02283	1.3767	.00003	.02281

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4141	4.2567	-.00012	.00028	-.01741	-.0002	.11629	6.5973
Stddev	.0223	.0655	.00051	.00013	.00162	.0022	.00050	.0114
%RSD	.41199	1.5384	410.23	46.319	9.3169	910.1	.43295	.17290

#1	5.4299	4.3030	-.00048	.00019	-.01856	-.0018	.11664	6.5893
#2	5.3983	4.2104	.00024	.00037	-.01627	.0013	.11593	6.6054

Sample Name: J5033-36DLX2 Acquired: 9/27/2018 22:35:25 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .56480
%RSD 137.09

#1 -.01261
#2 -.81135

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2079.6	37695.	4143.5	99.728	3361.9
Stddev	1.6	83.	45.8	1.442	.7
%RSD	.07933	.22124	1.1045	1.4458	.01970

#1	2078.4	37636.	4111.2	98.709	3361.5
#2	2080.7	37754.	4175.9	100.75	3362.4

Sample Name: J5033-37DLX2 Acquired: 9/27/2018 22:39:29 Type: Unk
Method: P4-ICP2(v2462) 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	.00144	-.00144	-.00070	.00386	.00290	.00719	.06730
Stddev	.00040	.00005	.00032	.00192	.00173	.00584	.00119
%RSD	28.053	3.7964	45.525	49.687	59.694	81.219	1.7618

#1	.00115	-.00147	-.00093	.00250	.00412	.00306	.06647
#2	.00172	-.00140	-.00048	.00522	.00167	.01133	.06814

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00027	14.809	.00139	.00011	.00140	.01797
Stddev	.00015	.00001	.103	.00046	.00001	.00010	.00647
%RSD	375.23	3.9069	.69478	33.142	4.9564	7.3389	36.000

#1	-.00015	-.00028	14.736	.00172	.00011	.00133	.02255
#2	.00007	-.00026	14.882	.00107	.00011	.00147	.01340

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02015	6.4288	.00186	-.00017	29.547	-.00041	.01332
Stddev	.00012	.0328	.00022	.00079	.242	.00071	.00011
%RSD	.57919	.51063	11.743	457.95	.82013	174.30	.83536

#1	.02007	6.4520	.00201	.00039	29.376	-.00091	.01340
#2	.02023	6.4056	.00170	-.00073	29.719	.00009	.01324

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0713	.00000	.02349	6.3905	3.0761	-.00091	-.00021
Stddev	.0133	.00012	.00025	.0010	.0335	.00007	.00067
%RSD	.63955	5134.8	1.0619	.01508	1.0881	7.5869	317.25

#1	2.0807	-.00009	.02366	6.3911	3.0525	-.00086	-.00068
#2	2.0619	.00009	.02331	6.3898	3.0998	-.00096	.00026

Sample Name: J5033-37DLX2 Acquired: 9/27/2018 22:39:29 Type: Unk
Method: P4-ICP2(v2462) 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	-.01908	-.0009	.15944	6.4231	F<.00000
Stddev	.00800	.0003	.00034	.1991	.12939
%RSD	41.922	35.15	.21257	3.0995	10.822

#1	-.01343	-.0011	.15920	6.5638	-1.1041
#2	-.02474	-.0007	.15968	6.2823	-1.2871

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2079.9	38119.	4168.9	99.721	3388.7
Stddev	12.0	12.	26.5	1.448	19.0
%RSD	.57591	.03065	.63486	1.4517	.55933

#1	2071.4	38110.	4187.6	98.698	3375.3
#2	2088.4	38127.	4150.2	100.74	3402.1

Sample Name: J5033-39DLX2 Acquired: 9/27/2018 22:43:33 Type: Unk
Method: P4-ICP2(v2462) 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	.00277	-.00002	-.00038	.00648	.00231	.01662	.01476	.00001
Stddev	.00051	.00034	.00139	.00242	.00018	.00992	.00047	.00007
%RSD	18.508	1385.4	363.44	37.301	7.9271	59.716	3.1946	575.72

#1	.00241	-.00026	-.00136	.00819	.00218	.02363	.01443	-.00003
#2	.00313	.00021	.00060	.00477	.00244	.00960	.01509	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	5.9389	.01755	.00020	.00397	.14238	.00333	1.3963
Stddev	.00000	.0452	.00021	.00001	.00057	.00695	.00001	.0009
%RSD	1.2515	.76088	1.2092	6.4526	14.371	4.8793	.19765	.06654

#1	.00024	5.9069	.01740	.00021	.00437	.14729	.00334	1.3956
#2	.00023	5.9709	.01770	.00019	.00357	.13747	.00333	1.3969

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01260	-.00036	32.146	-.00009	.01407	1.0347	.00209	.02447
Stddev	.00043	.00013	.079	.00026	.00025	.0542	.00015	.00930
%RSD	3.4232	35.648	.24483	276.34	1.7991	5.2370	6.9529	38.009

#1	.01229	-.00027	32.091	.00009	.01389	.99638	.00199	.03105
#2	.01290	-.00045	32.202	-.00028	.01424	1.0730	.00219	.01790

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1900	1.7182	-.00005	.00238	-.01146	.0025	.04462	5.3061
Stddev	.0112	.0266	.00053	.00234	.00655	.0023	.00045	.6731
%RSD	.35130	1.5476	1017.0	98.606	57.157	92.83	1.0031	12.685

#1	3.1979	1.6994	-.00042	.00072	-.00683	.0009	.04431	5.7820
#2	3.1820	1.7370	.00032	.00404	-.01609	.0041	.04494	4.8301

Sample Name: J5033-39DLX2 Acquired: 9/27/2018 22:43:33 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .87149
%RSD 153.45

#1 .04830
#2 -1.1842

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2093.5	38551.	4158.7	99.600	3426.1
Stddev	11.9	182.	3.7	.490	16.6
%RSD	.56620	.47329	.08888	.49205	.48333

#1	2085.1	38422.	4161.3	99.946	3414.4
#2	2101.9	38680.	4156.1	99.253	3437.8

Sample Name: J5033-40DLX2 Acquired: 9/27/2018 22:47:38 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00143	-.00008	-.00112	.00418	.00122	.02703	.01527	.00002
Stddev	.00072	.00173	.00034	.00192	.00045	.01445	.00011	.00003
%RSD	50.298	2142.2	30.307	45.959	36.980	53.455	.71859	127.12

#1	-.00193	-.00131	-.00088	.00553	.00154	.03725	.01535	.00000
#2	-.00092	.00114	-.00136	.00282	.00090	.01681	.01520	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	6.3963	.01815	.00025	.00071	.13837	.00348	1.5175
Stddev	.00006	.0524	.00023	.00013	.00009	.00034	.00007	.0552
%RSD	35.892	.82004	1.2760	51.628	13.012	.24316	1.8728	3.6381

#1	.00021	6.3592	.01831	.00034	.00078	.13861	.00344	1.4785
#2	.00012	6.4334	.01798	.00016	.00065	.13813	.00353	1.5566

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01350	-.00035	35.223	.00007	.01898	1.1585	.00204	.03655
Stddev	.00010	.00012	.203	.00018	.00004	.0205	.00025	.00211
%RSD	.74035	35.193	.57564	245.60	.23175	1.7739	12.100	5.7620

#1	.01357	-.00044	35.367	-.00005	.01901	1.1440	.00187	.03804
#2	.01343	-.00027	35.080	.00020	.01895	1.1730	.00222	.03506

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4430	1.8487	.00088	.00067	-.02101	.0039	.04799	4.9128
Stddev	.0274	.0022	.00131	.00075	.00638	.0013	.00007	.0526
%RSD	.79504	.11819	148.68	112.09	30.343	33.03	.14109	1.0701

#1	3.4624	1.8503	-.00005	.00014	-.02552	.0030	.04804	4.8756
#2	3.4237	1.8472	.00181	.00120	-.01650	.0048	.04794	4.9500

Sample Name: J5033-40DLX2 Acquired: 9/27/2018 22:47:38 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .07255
%RSD 8.7692

#1 -.77601
#2 -.87860

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2089.0	38365.	4154.8	99.656	3416.8
Stddev	12.9	84.	18.0	1.474	15.8
%RSD	.61620	.21988	.43327	1.4790	.46359

#1	2079.9	38305.	4142.1	98.614	3405.6
#2	2098.1	38425.	4167.5	100.70	3428.0

Sample Name: PB113296BL Acquired: 9/27/2018 22:51:42 Type: Unk
Method: P4-ICP2(v2462) 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	.00484	.00033	-.00034	.00112	.00110	-.00191	-.00106
Stddev	.00148	.00099	.00082	.00148	.00028	.00090	.00169
%RSD	30.593	305.00	237.86	132.99	25.476	47.465	158.72

#1	.00588	.00103	-.00092	.00217	.00130	-.00254	-.00226
#2	.00379	-.00038	.00023	.00007	.00090	-.00127	.00013

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00022	.01361	.00047	-.00003	-.00076	.00091
Stddev	.00009	.00002	.00093	.00001	.00001	.00009	.00796
%RSD	563.87	8.1303	6.8354	2.8252	26.144	11.301	877.54

#1	-.00005	-.00023	.01295	.00046	-.00004	-.00070	.00654
#2	.00008	-.00020	.01427	.00048	-.00003	-.00082	-.00472

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00778	.00003	.00047	-.35743	-.00007	-.00028
Stddev	.00003	.04919	.00017	.00059	.01645	.00025	.00001
%RSD	81.398	632.56	482.04	125.02	4.6020	351.28	4.9596

#1	.00006	-.04256	-.00008	.00089	-.36906	-.00024	-.00029
#2	.00002	.02701	.00015	.00006	-.34580	.00010	-.00027

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07191	-.00011	.00251	-.00175	-.00417	.00007	.00095
Stddev	.02955	.00006	.02070	.00029	.00359	.00005	.00080
%RSD	41.098	58.114	824.04	16.322	86.085	71.502	83.838

#1	-.09280	-.00016	.01715	-.00195	-.00670	.00003	.00152
#2	-.05101	-.00006	-.01212	-.00155	-.00163	.00011	.00039

Sample Name: PB113296BL Acquired: 9/27/2018 22:51:42 Type: Unk
 Method: P4-ICP2(v2462) 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	-.01756	.0003	-.00001	2.8316	F<.00000
Stddev	.01858	.0023	.00002	1.3065	.34074
%RSD	105.83	745.2	174.57	46.140	29.406

#1	-.03070	.0019	.00000	3.7555	-.91781
#2	-.00442	-.0013	-.00003	1.9078	-1.3997

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2162.0	39460.	4195.6	100.94	3619.0
Stddev	1.9	174.	35.6	1.22	2.3
%RSD	.08768	.44152	.84735	1.2042	.06328

#1	2160.7	39337.	4220.7	100.08	3620.6
#2	2163.4	39583.	4170.4	101.80	3617.4

Sample Name: CCV13 Acquired: 9/27/2018 22:55:48 Type: Unk
Method: P4-ICP2(v2462) 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	5.0865	5.0891	4.9466	5.1106	5.2463	10.753	10.101	.25012
Stddev	.0139	.0013	.0058	.0230	.0073	.063	.269	.00039
%RSD	.27263	.02519	.11646	.45077	.13885	.58399	2.6660	.15773
#1	5.0767	5.0882	4.9425	5.0943	5.2411	10.798	10.292	.25040
#2	5.0963	5.0900	4.9507	5.1269	5.2514	10.709	9.9109	.24984
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5308	25.847	1.0033	2.5210	1.2736	5.2613	2.5310	25.291
Stddev	.0033	.883	.0001	.0040	.0005	.2565	.0057	.938
%RSD	.13150	3.4177	.01307	.15872	.03758	4.8759	.22383	3.7094
#1	2.5284	26.472	1.0033	2.5181	1.2733	5.4427	2.5350	25.954
#2	2.5331	25.222	1.0032	2.5238	1.2740	5.0799	2.5270	24.628
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5141	1.2523	25.054	2.5173	2.6460	25.805	5.1486	5.2257
Stddev	.0020	.0031	.710	.0019	.0931	.781	.0080	.2113
%RSD	.07979	.24874	2.8349	.07478	3.5201	3.0258	.15497	4.0439
#1	2.5127	1.2545	25.556	2.5186	2.7119	26.358	5.1429	5.3751
#2	2.5155	1.2501	24.551	2.5159	2.5802	25.253	5.1542	5.0762
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0339	4.9687	4.8882	5.2433	4.7932	5.152	5.2577	F 8.3304
Stddev	.0134	.1154	.0041	.1775	.1806	.014	.1523	.6040
%RSD	.26631	2.3231	.08348	3.3858	3.7676	.2677	2.8958	7.2506
#1	5.0245	5.0504	4.8853	5.3688	4.9208	5.161	5.3654	8.7575
#2	5.0434	4.8871	4.8911	5.1178	4.6655	5.142	5.1500	7.9033

Sample Name: CCV13 Acquired: 9/27/2018 22:55:48 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.9146
Stddev	.6662
%RSD	34.797

#1	1.4435
#2	2.3857

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2083.7	37861.	4091.5	94.395	3220.0
Stddev	4.7	113.	112.8	3.665	6.9
%RSD	.22598	.29846	2.7567	3.8826	.21490

#1	2080.4	37781.	4011.7	91.803	3215.1
#2	2087.0	37941.	4171.2	96.986	3224.9

Sample Name: CCB13 Acquired: 9/27/2018 22:59:35 Type: Unk
Method: P4-ICP2(v2462) 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	.00150	.00023	.00062	.00201	.00071	.00452	-.00092
Stddev	.00451	.00032	.00010	.00007	.00102	.00847	.00063
%RSD	300.65	137.52	15.660	3.4531	144.54	187.43	68.193

#1	-.00169	.00046	.00069	.00196	-.00002	-.00147	-.00048
#2	.00469	.00001	.00055	.00206	.00143	.01051	-.00137

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00021	.01474	-.00020	-.00001	-.00096	-.00646
Stddev	.00000	.00005	.00396	.00010	.00042	.00021	.00601
%RSD	1.7674	22.695	26.858	47.179	6622.0	21.455	93.020

#1	.00007	-.00025	.01754	-.00014	-.00030	-.00111	-.00221
#2	.00007	-.00018	.01194	-.00027	.00029	-.00082	-.01071

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00970	.00005	.00002	-.37959	-.00023	-.00029
Stddev	.00003	.02787	.00003	.00023	.00342	.00056	.00001
%RSD	185.18	287.39	62.400	1395.5	.89991	246.18	1.9688

#1	-.00000	.02941	.00003	.00018	-.38201	-.00062	-.00028
#2	.00003	-.01001	.00007	-.00014	-.37718	.00017	-.00029

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07656	.00109	.01172	-.00474	.00164	.00040	.00108
Stddev	.00484	.00078	.00351	.00234	.00281	.00092	.00214
%RSD	6.3268	71.727	29.911	49.388	170.94	226.34	198.36

#1	-.07999	.00164	.00924	-.00640	-.00034	.00105	-.00044
#2	-.07314	.00054	.01420	-.00309	.00363	-.00024	.00260

Sample Name: CCB13 Acquired: 9/27/2018 22:59:35 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.02060	-.0004	-.00004	F 4.7780	F<.00000
Stddev	.00702	.0014	.00013	.6207	.13756
%RSD	34.073	366.8	304.08	12.992	25.284

#1	-.01563	-.0014	.00005	5.2169	-.64131
#2	-.02556	.0006	-.00014	4.3391	-.44678

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2146.6	39094.	4176.5	101.98	3587.2
Stddev	9.2	55.	2.4	.78	9.4
%RSD	.43007	.14170	.05772	.76010	.26198

#1	2140.1	39055.	4178.2	101.43	3580.6
#2	2153.2	39133.	4174.8	102.53	3593.9

Sample Name: PB113296BS Acquired: 9/27/2018 23:03:41 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80202	1.9717	.95265	1.9228	.85096	2.0734	.20392	.18490
Stddev	.00689	.0056	.00382	.0089	.00245	.0035	.00079	.00114
%RSD	.85924	.28151	.40051	.46562	.28779	.16776	.38924	.61514

#1	.79715	1.9756	.94995	1.9165	.85269	2.0710	.20336	.18410
#2	.80689	1.9678	.95535	1.9291	.84923	2.0759	.20448	.18571

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19447	1.0317	.40433	.19312	.29666	3.0356	.20786	1.9691
Stddev	.00012	.0051	.00045	.00082	.00011	.0998	.00074	.0447
%RSD	.05983	.49369	.11062	.42432	.03862	3.2880	.35443	2.2691

#1	.19455	1.0281	.40464	.19370	.29674	2.9650	.20734	2.0007
#2	.19438	1.0353	.40401	.19254	.29658	3.1062	.20838	1.9375

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47883	.06943	2.6769	.30791	.19922	10.118	.44496	.30119
Stddev	.00163	.00044	.0568	.00313	.00696	.013	.00026	.00881
%RSD	.33988	.63961	2.1231	1.0167	3.4959	.13193	.05802	2.9263

#1	.47998	.06911	2.6367	.30570	.19429	10.108	.44514	.30742
#2	.47768	.06974	2.7171	.31012	.20414	10.127	.44478	.29495

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00207	.89759	.66997	.21642	1.8222	5.166	.20543	5.5734
Stddev	.00016	.01002	.00070	.00498	.0016	.029	.00015	.9029
%RSD	7.5960	1.1163	.10409	2.3000	.08588	.5698	.07516	16.200

#1	-.00218	.89050	.67046	.21994	1.8233	5.187	.20553	6.2118
#2	-.00196	.90467	.66948	.21290	1.8211	5.145	.20532	4.9349

Sample Name: PB113296BS Acquired: 9/27/2018 23:03:41 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1-S Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .07457
%RSD 16.045

#1 -.41201
#2 -.51746

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2081.5	38548.	4138.5	99.089	3471.5
Stddev	11.0	53.	10.9	3.083	18.4
%RSD	.53059	.13626	.26273	3.1112	.52950

#1	2073.7	38585.	4146.2	101.27	3458.5
#2	2089.3	38511.	4130.9	96.909	3484.5

Sample Name: J5076-02 Acquired: 9/27/2018 23:07:35 Type: Unk
Method: P4-ICP2(v2462) 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	.00832	.00167	.00556	.00664	-.00254	-.02786	.02173	.00007
Stddev	.00232	.00188	.00050	.00071	.00111	.00210	.00114	.00007
%RSD	27.859	112.60	9.0138	10.727	43.581	7.5473	5.2450	99.318

#1	.00668	.00034	.00591	.00614	-.00176	-.02935	.02254	.00012
#2	.00996	.00300	.00521	.00715	-.00333	-.02638	.02093	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00067	110.24	-.00090	-.00018	.00095	-.01127	.01132	305.14
Stddev	.00007	.03	.00049	.00087	.00007	.00242	.00010	.68
%RSD	10.181	.02457	54.580	486.81	7.2632	21.511	.92527	.22379

#1	-.00062	110.26	-.00055	.00044	.00100	-.01298	.01124	305.62
#2	-.00072	110.22	-.00125	-.00080	.00090	-.00955	.01139	304.66

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00407	.00057	2089.9	.00114	.00136	103.38	.00249	1.0724
Stddev	.00010	.00040	7.6	.00008	.00015	.49	.00020	.0054
%RSD	2.4977	69.942	.36411	6.8600	11.098	.47018	7.9520	.49938

#1	-.00400	.00029	2095.3	.00119	.00146	103.72	.00235	1.0686
#2	-.00415	.00085	2084.6	.00108	.00125	103.03	.00263	1.0762

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	261.34	1.0681	-.09078	-.00360	.39991	.1236	1.8302	22.063
Stddev	.05	.0065	.00128	.00133	.00186	.0006	.0105	.671
%RSD	.01856	.60580	1.4061	36.935	.46572	.4774	.57360	3.0410

#1	261.31	1.0636	-.08988	-.00454	.39860	.1232	1.8376	21.588
#2	261.38	1.0727	-.09168	-.00266	.40123	.1240	1.8228	22.537

Sample Name: J5076-02 Acquired: 9/27/2018 23:07:35 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.0617
Stddev .4905
%RSD 16.020

#1 3.4085
#2 2.7149

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1831.3	32192.	4000.2	94.155	2512.7
Stddev	10.2	29.	8.7	.214	1.2
%RSD	.55631	.09125	.21790	.22765	.04849

#1	1838.5	32213.	3994.0	94.307	2513.6
#2	1824.1	32171.	4006.3	94.004	2511.9

Sample Name: J5076-03 Acquired: 9/27/2018 23:11:44 Type: Unk
Method: P4-ICP2(v2462) 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	.01031	.00328	.00369	.00566	-.00219	-.00604	.01975	.00011
Stddev	.00080	.00182	.00042	.00201	.00211	.00393	.00044	.00003
%RSD	7.7748	55.628	11.527	35.584	96.381	65.050	2.2303	29.869

#1	.01087	.00457	.00339	.00423	-.00070	-.00326	.02006	.00009
#2	.00974	.00199	.00399	.00708	-.00368	-.00882	.01944	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00051	75.994	-.00122	-.00027	.00071	-.01488	.00514	184.32
Stddev	.00007	.503	.00027	.00009	.00043	.00196	.00006	1.01
%RSD	14.685	.66200	21.842	33.819	60.184	13.156	1.1493	.54728

#1	-.00056	76.350	-.00103	-.00021	.00102	-.01627	.00510	185.03
#2	-.00045	75.639	-.00141	-.00033	.00041	-.01350	.00518	183.61

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00371	.00028	1362.3	.00058	.00077	62.114	.00120	.64913
Stddev	.00089	.00043	24.6	.00002	.00003	.390	.00018	.00734
%RSD	23.912	153.36	1.8048	2.8192	3.5935	.62829	14.975	1.1305

#1	-.00434	-.00002	1379.6	.00057	.00079	62.390	.00107	.65432
#2	-.00309	.00059	1344.9	.00060	.00075	61.838	.00133	.64394

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.23	.96036	-.05324	-.00138	.23616	.0956	1.1470	17.953
Stddev	.34	.00738	.00315	.00025	.00622	.0019	.0054	.273
%RSD	.22273	.76884	5.9132	17.814	2.6339	1.992	.47159	1.5212

#1	152.47	.96558	-.05547	-.00121	.24056	.0969	1.1509	17.760
#2	151.99	.95514	-.05101	-.00156	.23176	.0942	1.1432	18.146

Sample Name: J5076-03 Acquired: 9/27/2018 23:11:44 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.5130
 Stddev .2651
 %RSD 10.548

#1 2.3255
 #2 2.7004

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1915.6	34010.	4089.1	94.083	2700.1
Stddev	1.7	113.	41.0	1.536	2.2
%RSD	.08806	.33239	1.0038	1.6322	.08119

#1	1914.4	34090.	4060.1	95.169	2698.5
#2	1916.8	33930.	4118.2	92.998	2701.6

Sample Name: J5076-04 Acquired: 9/27/2018 23:15:54 Type: Unk
Method: P4-ICP2(v2462) 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	.01114	.00089	.00489	-.00006	-.00017	-.03718	.01998	-.00003
Stddev	.00526	.00005	.00046	.00327	.00033	.01075	.00052	.00003
%RSD	47.189	5.7464	9.4384	5831.3	196.54	28.905	2.6150	100.48

#1	.01486	.00093	.00457	.00226	-.00040	-.04478	.02035	-.00001
#2	.00742	.00085	.00522	-.00237	.00007	-.02958	.01961	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00058	116.43	-.00088	-.00023	.00157	-.02614	.00994	328.35
Stddev	.00004	1.79	.00028	.00010	.00047	.01104	.00001	5.58
%RSD	6.8253	1.5368	31.560	45.782	29.641	42.221	.05044	1.6987

#1	-.00060	117.70	-.00068	-.00030	.00190	-.01834	.00994	332.30
#2	-.00055	115.17	-.00107	-.00015	.00124	-.03394	.00995	324.41

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00353	.00032	2159.4	.00136	.00309	112.58	.00230	1.1330
Stddev	.00109	.00021	67.7	.00032	.00007	1.69	.00032	.0078
%RSD	30.881	64.953	3.1370	23.769	2.3345	1.5017	13.930	.69026

#1	-.00430	.00018	2207.3	.00159	.00314	113.77	.00252	1.1385
#2	-.00276	.00047	2111.5	.00113	.00304	111.38	.00207	1.1274

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	286.52	1.0703	-.10217	-.00355	.45997	.1336	1.9784	22.495
Stddev	.97	.0125	.00067	.00078	.00154	.0016	.0320	.090
%RSD	.33747	1.1648	.65608	21.943	.33563	1.202	1.6173	.39976

#1	287.20	1.0791	-.10169	-.00411	.46106	.1347	2.0011	22.559
#2	285.84	1.0615	-.10264	-.00300	.45887	.1324	1.9558	22.432

Sample Name: J5076-04 Acquired: 9/27/2018 23:15:54 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.8996
 Stddev .8439
 %RSD 29.106

#1 3.4963
 #2 2.3028

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1803.9	32346.	4034.0	92.542	2475.1
Stddev	3.7	151.	64.2	.594	.1
%RSD	.20724	.46646	1.5911	.64144	.00599

#1	1801.3	32453.	3988.6	92.962	2475.0
#2	1806.6	32240.	4079.4	92.123	2475.2

Sample Name: J5076-05 Acquired: 9/27/2018 23:20:04 Type: Unk
Method: P4-ICP2(v2462) 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	.00963	.00278	.00515	.00397	-.00247	-.03220	.02088	.00015
Stddev	.00188	.00002	.00002	.00163	.00207	.01622	.00122	.00003
%RSD	19.496	.69980	.38970	40.970	83.747	50.365	5.8555	20.250

#1	.00830	.00280	.00517	.00512	-.00101	-.04367	.02174	.00017
#2	.01096	.00277	.00514	.00282	-.00394	-.02073	.02001	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00044	107.44	-.00146	-.00008	.00096	-.02151	.00857	293.77
Stddev	.00010	4.33	.00060	.00011	.00072	.01815	.00011	12.60
%RSD	22.640	4.0280	41.028	129.94	74.593	84.393	1.3265	4.2899

#1	-.00037	110.50	-.00188	-.00016	.00147	-.00867	.00866	302.68
#2	-.00051	104.38	-.00104	-.00001	.00045	-.03434	.00849	284.86

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00321	.00055	1993.5	.00103	.00101	100.23	.00243	1.0170
Stddev	.00074	.00009	142.6	.00065	.00010	4.03	.00000	.0450
%RSD	22.997	15.668	7.1508	63.296	10.044	4.0228	.00795	4.4237

#1	-.00269	.00061	2094.3	.00149	.00109	103.08	.00243	1.0488
#2	-.00373	.00049	1892.7	.00057	.00094	97.379	.00243	.98520

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	248.32	1.0753	-.08836	-.00280	.40995	.1237	1.7836	21.093
Stddev	.84	.0380	.00094	.00039	.00740	.0012	.0777	.577
%RSD	.33645	3.5328	1.0680	13.795	1.8058	.9355	4.3540	2.7366

#1	248.91	1.1021	-.08902	-.00252	.41518	.1229	1.8385	21.501
#2	247.72	1.0484	-.08769	-.00307	.40472	.1246	1.7287	20.685

Sample Name: J5076-05 Acquired: 9/27/2018 23:20:04 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.9625
Stddev .1627
%RSD 5.4933

#1 3.0775
#2 2.8474

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1818.9	32567.	3948.3	88.117	2499.4
Stddev	1.9	91.	149.1	4.033	.3
%RSD	.10204	.28066	3.7772	4.5774	.01366

#1	1820.2	32632.	3842.9	85.265	2499.6
#2	1817.6	32502.	4053.8	90.969	2499.1

Sample Name: J5076-06 Acquired: 9/27/2018 23:24:13 Type: Unk
Method: P4-ICP2(v2462) 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	.01081	.00064	.00323	.00175	-.00242	-.02259	.01763	.00013
Stddev	.00355	.00078	.00046	.00130	.00017	.00709	.00058	.00006
%RSD	32.844	121.46	14.136	74.191	7.1156	31.389	3.2877	47.311

#1	.00830	.00119	.00290	.00083	-.00254	-.01757	.01804	.00009
#2	.01332	.00009	.00355	.00266	-.00230	-.02760	.01722	.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00051	77.993	-.00052	-.00020	.00088	-.00677	.00517	189.85
Stddev	.00005	.297	.00039	.00040	.00019	.00305	.00012	.10
%RSD	9.0005	.38136	75.564	202.05	21.636	45.119	2.3007	.05276

#1	-.00047	78.203	-.00080	.00009	.00074	-.00892	.00525	189.92
#2	-.00054	77.783	-.00024	-.00048	.00101	-.00461	.00509	189.78

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00320	.00075	1364.1	.00091	.00044	63.875	.00159	.67523
Stddev	.00059	.00106	13.3	.00037	.00001	.070	.00074	.00534
%RSD	18.580	140.93	.97661	40.645	2.3891	.10923	46.597	.79091

#1	-.00362	.00150	1373.5	.00117	.00045	63.924	.00211	.67145
#2	-.00278	.00000	1354.6	.00065	.00043	63.825	.00107	.67900

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	157.51	.94448	-.05675	-.00256	.24566	.0965	1.1687	18.643
Stddev	.17	.01665	.00102	.00074	.00648	.0016	.0024	.399
%RSD	.10672	1.7631	1.7907	28.864	2.6365	1.652	.20201	2.1388

#1	157.39	.95626	-.05747	-.00204	.25024	.0954	1.1670	18.925
#2	157.63	.93271	-.05603	-.00309	.24108	.0976	1.1703	18.361

Sample Name: J5076-06 Acquired: 9/27/2018 23:24:13 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.0501
Stddev .6526
%RSD 21.396

#1 3.5116
#2 2.5887

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1876.4	33507.	4032.4	94.595	2645.4
Stddev	4.7	25.	15.7	.892	5.1
%RSD	.25029	.07557	.38985	.94250	.19462

#1	1879.7	33525.	4021.3	93.965	2649.0
#2	1873.0	33489.	4043.5	95.226	2641.7

Sample Name: J5076-07 Acquired: 9/27/2018 23:28:23 Type: Unk
Method: P4-ICP2(v2462) 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	.00906	.00063	.00409	.00518	-.00202	-.01281	.02192	.00015
Stddev	.00216	.00147	.00051	.00028	.00058	.00604	.00168	.00000
%RSD	23.831	233.22	12.560	5.3928	28.537	47.136	7.6578	2.4814

#1	.00754	.00167	.00446	.00537	-.00161	-.01708	.02073	.00016
#2	.01059	-.00041	.00373	.00498	-.00242	-.00854	.02310	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00051	84.130	-.00108	-.00020	.00014	-.01422	.04242	207.35
Stddev	.00013	.163	.00020	.00029	.00040	.00253	.00037	.84
%RSD	24.743	.19389	18.274	147.93	295.01	17.776	.86521	.40333

#1	-.00042	84.015	-.00122	.00001	.00042	-.01243	.04268	206.76
#2	-.00060	84.245	-.00094	-.00041	-.00015	-.01600	.04216	207.94

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00372	.00090	1497.2	.00125	.00094	70.394	.00166	.71561
Stddev	.00004	.00022	15.5	.00106	.00001	.056	.00027	.00302
%RSD	1.1182	24.497	1.0356	85.384	1.1876	.07939	16.142	.42168

#1	-.00369	.00106	1508.2	.00200	.00095	70.434	.00185	.71347
#2	-.00375	.00074	1486.3	.00049	.00094	70.355	.00147	.71774

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	171.89	1.0329	-.06000	-.00308	.26107	.1069	1.2803	20.605
Stddev	.30	.0032	.00042	.00022	.00183	.0040	.0010	.221
%RSD	.17495	.31431	.70821	7.1362	.70279	3.735	.07873	1.0742

#1	172.11	1.0352	-.06030	-.00292	.26237	.1041	1.2810	20.762
#2	171.68	1.0306	-.05970	-.00323	.25977	.1097	1.2796	20.449

Sample Name: J5076-07 Acquired: 9/27/2018 23:28:23 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.5472
Stddev .3549
%RSD 13.931

#1 2.2963
#2 2.7981

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1860.8	33114.	3980.3	93.079	2617.2
Stddev	4.4	18.	15.2	.320	2.8
%RSD	.23684	.05575	.38168	.34410	.10675

#1	1857.7	33101.	3991.1	93.305	2615.2
#2	1864.0	33128.	3969.6	92.852	2619.1

Sample Name: J5076-08 Acquired: 9/27/2018 23:32:32 Type: Unk
Method: P4-ICP2(v2462) 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	.01382	.00156	.00329	.00451	-.00346	-.00462	.02098	.00001
Stddev	.00053	.00050	.00107	.00062	.00145	.01633	.00112	.00011
%RSD	3.8407	31.926	32.610	13.741	41.825	353.94	5.3484	1542.5

#1	.01345	.00121	.00253	.00495	-.00244	.00694	.02019	.00009
#2	.01420	.00191	.00405	.00408	-.00448	-.01617	.02177	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00048	80.777	-.00128	-.00045	.00105	-.00933	.01118	199.18
Stddev	.00017	.604	.00078	.00030	.00063	.00125	.00001	.40
%RSD	35.361	.74763	60.856	66.590	59.818	13.388	.06452	.20165

#1	-.00036	80.350	-.00073	-.00066	.00060	-.00845	.01118	198.89
#2	-.00060	81.204	-.00183	-.00024	.00149	-.01021	.01117	199.46

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00350	.00001	1426.4	.00104	.00183	67.296	.00148	.70652
Stddev	.00078	.00056	9.8	.00019	.00018	.211	.00015	.01929
%RSD	22.237	4324.6	.68790	18.096	10.092	.31392	10.442	2.7300

#1	-.00405	-.00038	1433.3	.00091	.00196	67.147	.00159	.69288
#2	-.00295	.00041	1419.4	.00117	.00170	67.445	.00137	.72016

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	166.23	1.0220	-.05884	-.00318	.25662	.1047	1.2318	19.586
Stddev	.74	.0148	.00085	.00221	.00376	.0051	.0011	.137
%RSD	.44657	1.4475	1.4408	69.568	1.4659	4.895	.09099	.70040

#1	165.70	1.0115	-.05824	-.00162	.25928	.1010	1.2311	19.489
#2	166.75	1.0325	-.05944	-.00475	.25396	.1083	1.2326	19.683

Sample Name: J5076-08 Acquired: 9/27/2018 23:32:32 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.0450
 Stddev .0750
 %RSD 2.4626

#1 2.9919
 #2 3.0980

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1854.6	33165.	4011.7	92.653	2618.1
Stddev	4.7	46.	38.4	.382	7.3
%RSD	.25428	.13813	.95842	.41188	.28009

#1	1858.0	33197.	4038.9	92.384	2623.3
#2	1851.3	33132.	3984.5	92.923	2612.9

Sample Name: J5076-09 Acquired: 9/27/2018 23:36:42 Type: Unk
Method: P4-ICP2(v2462) 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	.01049	.00290	.00340	.00146	-.00025	-.02525	.02047	.00015
Stddev	.00077	.00155	.00061	.00122	.00188	.00372	.00032	.00004
%RSD	7.3198	53.516	18.068	83.612	738.75	14.738	1.5470	28.434

#1	.01103	.00180	.00383	.00232	.00107	-.02262	.02024	.00018
#2	.00995	.00399	.00296	.00060	-.00158	-.02788	.02069	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00044	83.755	-.00111	-.00044	.00072	-.01165	.00586	208.38
Stddev	.00014	.713	.00029	.00003	.00003	.00362	.00017	.15
%RSD	30.870	.85108	26.253	7.2485	3.9521	31.034	2.9638	.07187

#1	-.00053	84.259	-.00090	-.00047	.00070	-.00909	.00598	208.49
#2	-.00034	83.251	-.00131	-.00042	.00074	-.01421	.00574	208.28

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00439	.00023	1482.2	.00112	.00091	70.235	.00155	.72623
Stddev	.00010	.00034	11.9	.00125	.00013	.374	.00041	.01320
%RSD	2.1694	147.79	.80507	111.17	14.622	.53267	26.308	1.8180

#1	-.00432	.00047	1490.6	.00024	.00101	70.499	.00184	.71690
#2	-.00445	-.00001	1473.8	.00200	.00082	69.970	.00126	.73557

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	175.09	1.0115	-.06200	-.00369	.27681	.1060	1.2857	19.862
Stddev	.09	.0194	.00089	.00081	.00786	.0018	.0068	1.071
%RSD	.05187	1.9223	1.4432	21.895	2.8398	1.688	.53118	5.3933

#1	175.16	1.0252	-.06263	-.00312	.27125	.1073	1.2905	19.105
#2	175.03	.99771	-.06136	-.00426	.28237	.1047	1.2809	20.620

Sample Name: J5076-09 Acquired: 9/27/2018 23:36:42 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.5773
 Stddev .3474
 %RSD 13.480

#1 2.3316
 #2 2.8229

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1837.5	32815.	4027.6	91.078	2587.6
Stddev	2.2	136.	53.2	4.395	9.1
%RSD	.11711	.41320	1.3201	4.8259	.35154

#1	1839.1	32719.	3990.0	87.970	2594.1
#2	1836.0	32911.	4065.2	94.186	2581.2

Sample Name: J5076-10 Acquired: 9/27/2018 23:40:52 Type: Unk
Method: P4-ICP2(v2462) 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	.00983	.00099	.00191	.00633	-.00184	-.01381	.01978	.00007
Stddev	.00351	.00115	.00073	.00207	.00203	.01532	.00066	.00004
%RSD	35.734	116.01	38.289	32.740	110.59	110.95	3.3590	57.306

#1	.01231	.00018	.00139	.00780	-.00328	-.02465	.01931	.00010
#2	.00735	.00180	.00243	.00487	-.00040	-.00298	.02025	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00047	83.803	-.00097	-.00031	.00089	-.01859	.00557	211.47
Stddev	.00008	1.739	.00021	.00014	.00032	.01288	.00006	2.34
%RSD	16.408	2.0751	21.593	43.364	36.106	69.284	1.0794	1.1088

#1	-.00052	85.033	-.00112	-.00022	.00067	-.02770	.00553	213.13
#2	-.00042	82.574	-.00083	-.00041	.00112	-.00948	.00562	209.81

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00444	.00057	1477.0	.00088	.00054	70.645	.00153	.73366
Stddev	.00056	.00036	56.1	.00043	.00010	1.261	.00020	.01179
%RSD	12.625	64.123	3.8009	48.229	18.803	1.7856	12.967	1.6068

#1	-.00405	.00031	1516.7	.00058	.00061	71.537	.00167	.74199
#2	-.00484	.00083	1437.3	.00119	.00047	69.753	.00139	.72532

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	171.71	1.0155	-.06161	-.00566	.28388	.1033	1.2984	18.716
Stddev	2.37	.0094	.00051	.00163	.00045	.0004	.0242	.737
%RSD	1.3801	.92448	.82104	28.754	.15736	.4266	1.8617	3.9354

#1	173.39	1.0222	-.06197	-.00681	.28357	.1029	1.3155	19.237
#2	170.04	1.0089	-.06126	-.00451	.28420	.1036	1.2813	18.195

Sample Name: J5076-10 Acquired: 9/27/2018 23:40:52 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.7226
Stddev .2685
%RSD 9.8619

#1 2.9125
#2 2.5327

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1875.0	33009.	4044.0	91.083	2639.8
Stddev	18.3	26.	93.5	4.974	29.1
%RSD	.97520	.07841	2.3114	5.4611	1.1012

#1	1862.1	33027.	3977.9	87.566	2619.3
#2	1888.0	32991.	4110.1	94.600	2660.4

Sample Name: CCV14 Acquired: 9/27/2018 23:45:01 Type: Unk
Method: P4-ICP2(v2462) 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	5.2878	5.2813	5.0344	5.3280	5.4867	F 11.040	10.203	.25764
Stddev	.0132	.0058	.0042	.0252	.0110	.190	.097	.00083
%RSD	.24884	.10962	.08254	.47298	.20024	1.7241	.94942	.32043
#1	5.2971	5.2772	5.0314	5.3458	5.4945	10.905	10.272	.25706
#2	5.2785	5.2854	5.0373	5.3102	5.4790	11.174	10.135	.25822
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6176	25.825	1.0366	2.6162	1.3258	5.4192	2.5997	25.420
Stddev	.0014	.079	.0056	.0013	.0027	.1369	.0070	.114
%RSD	.05360	.30636	.53824	.04833	.20266	2.5262	.26756	.44900
#1	2.6166	25.881	1.0327	2.6171	1.3239	5.5160	2.5948	25.501
#2	2.6186	25.769	1.0406	2.6153	1.3277	5.3224	2.6047	25.339
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6080	1.2927	26.388	2.5996	2.6925	26.632	5.3592	5.2456
Stddev	.0017	.0036	.186	.0115	.0581	.233	.0029	.0375
%RSD	.06343	.27963	.70554	.44325	2.1589	.87425	.05414	.71561
#1	2.6092	1.2902	26.519	2.5915	2.7336	26.797	5.3613	5.2721
#2	2.6068	1.2953	26.256	2.6078	2.6514	26.467	5.3572	5.2190
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2536	5.0016	5.0775	5.3077	4.8928	5.343	5.3497	F 10.276
Stddev	.0106	.0611	.0283	.0002	.0187	.002	.0486	.662
%RSD	.20104	1.2225	.55667	.00338	.38213	.0387	.90864	6.4392
#1	5.2610	5.0448	5.0975	5.3078	4.9061	5.342	5.3841	9.8080
#2	5.2461	4.9584	5.0575	5.3075	4.8796	5.345	5.3153	10.744

Sample Name: CCV14 Acquired: 9/27/2018 23:45:01 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.5158
Stddev .5007
%RSD 33.031

#1 1.8699
#2 1.1618

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1993.5	36809.	4082.9	92.264	3088.4
Stddev	5.5	61.	47.3	2.145	8.2
%RSD	.27460	.16641	1.1596	2.3252	.26613

#1	1989.6	36852.	4049.4	90.747	3082.6
#2	1997.3	36766.	4116.3	93.781	3094.2

Sample Name: CCB14 Acquired: 9/27/2018 23:48:48 Type: Unk
Method: P4-ICP2(v2462) 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	.00100	.00026	-.00067	.00138	.00255	-.01072	-.00052
Stddev	.00037	.00238	.00067	.00122	.00193	.01455	.00004
%RSD	37.327	931.51	100.04	88.707	75.630	135.71	7.0910

#1	.00126	.00194	-.00115	.00051	.00391	-.02101	-.00049
#2	.00073	-.00143	-.00020	.00224	.00119	-.00043	-.00054

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00014	.01291	.00008	-.00004	-.00059	-.00118
Stddev	.00005	.00005	.01366	.00011	.00016	.00028	.00130
%RSD	95.574	37.434	105.82	134.10	393.86	46.949	110.36

#1	.00002	-.00011	.00325	.00000	-.00016	-.00039	-.00026
#2	.00008	-.00018	.02257	.00015	.00007	-.00078	-.00210

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.01803	-.00007	-.00007	F 1.7307	-.00034	-.00029
Stddev	.00001	.02804	.00062	.00011	.0137	.00049	.00003
%RSD	27.017	155.53	888.23	144.91	.79101	143.99	11.134

#1	.00004	-.03786	.00037	.00000	1.7210	-.00068	-.00031
#2	.00006	.00180	-.00051	-.00015	1.7404	.00001	-.00027

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28664	.00120	.00619	F .00663	-.00256	.00006	-.00007
Stddev	.04008	.00001	.00984	.00075	.00161	.00111	.00016
%RSD	13.985	.69722	158.91	11.350	62.795	1771.7	220.97

#1	.25829	.00120	-.00077	.00610	-.00370	-.00072	-.00018
#2	.31498	.00119	.01315	.00716	-.00143	.00085	.00004

Sample Name: CCB14 Acquired: 9/27/2018 23:48:48 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .01251	-.0022	.00003	F 6.6582	F<.00000
Stddev	.00018	.0008	.00003	.0305	.27049
%RSD	1.4484	34.88	123.50	.45732	21.114

#1	.01238	-.0027	.00005	6.6366	-1.4724
#2	.01264	-.0016	.00000	6.6797	-1.0898

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2086.1	38304.	4088.3	95.302	3493.1
Stddev	9.9	76.	33.9	2.413	17.1
%RSD	.47393	.19902	.82801	2.5322	.48989

#1	2079.1	38250.	4064.3	97.008	3481.0
#2	2093.1	38357.	4112.2	93.595	3505.2

Sample Name: J5076-11 Acquired: 9/27/2018 23:52:55 Type: Unk
Method: P4-ICP2(v2462) 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	.00899	.00238	.00400	.00177	-.00108	-.04997	.02145	.00010
Stddev	.00749	.00121	.00031	.00133	.00018	.01474	.00042	.00015
%RSD	83.338	50.887	7.7079	75.213	16.868	29.491	1.9512	141.93

#1	.01429	.00323	.00422	.00272	-.00095	-.06039	.02115	-.00000
#2	.00369	.00152	.00378	.00083	-.00121	-.03955	.02175	.00020

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00049	111.78	-.00189	.00001	.00076	-.02641	.01008	310.54
Stddev	.00001	1.76	.00022	.00020	.00068	.00118	.00003	4.21
%RSD	1.2761	1.5736	11.810	1419.8	89.876	4.4658	.26199	1.3545

#1	-.00048	113.03	-.00173	-.00013	.00028	-.02558	.01010	313.52
#2	-.00049	110.54	-.00204	.00016	.00124	-.02725	.01006	307.57

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00442	.00004	2036.2	.00073	.00151	105.95	.00245	1.0749
Stddev	.00043	.00062	57.9	.00098	.00004	1.28	.00010	.0052
%RSD	9.6911	1725.5	2.8434	135.10	2.5208	1.2103	3.8920	.48009

#1	-.00472	-.00040	2077.1	.00142	.00154	106.86	.00239	1.0785
#2	-.00411	.00048	1995.2	.00003	.00149	105.05	.00252	1.0712

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	267.82	1.0864	-.09531	-.00390	.41595	.1251	1.8693	22.626
Stddev	.00	.0124	.00175	.00013	.00445	.0009	.0284	.541
%RSD	.00124	1.1363	1.8349	3.2126	1.0710	.7465	1.5170	2.3897

#1	267.82	1.0952	-.09655	-.00399	.41280	.1245	1.8894	22.244
#2	267.82	1.0777	-.09407	-.00381	.41910	.1258	1.8492	23.009

Sample Name: J5076-11 Acquired: 9/27/2018 23:52:55 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.0678
Stddev .4646
%RSD 15.143

#1 3.3963
#2 2.7393

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1817.8	32144.	3975.9	89.240	2495.0
Stddev	.1	25.	50.1	2.192	1.1
%RSD	.00742	.07780	1.2594	2.4568	.04571

#1	1817.7	32162.	3940.5	87.690	2494.2
#2	1817.9	32126.	4011.3	90.790	2495.8

Sample Name: J5076-12 Acquired: 9/27/2018 23:57:04 Type: Unk
Method: P4-ICP2(v2462) 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	.00912	.00029	.00250	.00492	-.00187	-.02532	.02017	.00002
Stddev	.00042	.00319	.00040	.00229	.00123	.00592	.00010	.00004
%RSD	4.6136	1088.0	16.035	46.584	65.621	23.369	.50461	172.71

#1	.00882	-.00196	.00222	.00330	-.00274	-.02114	.02010	.00005
#2	.00941	.00255	.00279	.00654	-.00100	-.02951	.02024	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00040	80.861	-.00094	-.00032	.00097	-.01933	.00625	201.77
Stddev	.00009	.405	.00061	.00022	.00044	.00096	.00011	.62
%RSD	23.154	.50109	64.426	68.856	45.591	4.9852	1.7921	.30843

#1	-.00034	80.574	-.00137	-.00047	.00128	-.02001	.00632	202.21
#2	-.00047	81.147	-.00051	-.00016	.00066	-.01865	.00617	201.33

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00387	.00057	1402.2	.00035	.00210	67.758	.00138	.70613
Stddev	.00065	.00077	35.9	.00091	.00003	.459	.00020	.00631
%RSD	16.720	135.02	2.5618	260.97	1.5233	.67678	14.359	.89290

#1	-.00433	.00003	1427.6	.00099	.00208	67.434	.00152	.70167
#2	-.00342	.00112	1376.8	-.00029	.00212	68.082	.00124	.71059

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	169.87	.96173	-.05947	-.00233	.25686	.1028	1.2355	21.262
Stddev	.73	.00511	.00043	.00045	.01033	.0057	.0096	.319
%RSD	.43176	.53153	.72344	19.175	4.0226	5.581	.77665	1.5014

#1	170.39	.95812	-.05978	-.00265	.26417	.1068	1.2287	21.036
#2	169.35	.96535	-.05917	-.00202	.24956	.0987	1.2423	21.487

Sample Name: J5076-12 Acquired: 9/27/2018 23:57:04 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.4607
 Stddev .4703
 %RSD 19.110

#1 2.7932
 #2 2.1282

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1854.9	32972.	4048.5	90.936	2610.3
Stddev	4.2	204.	13.0	.112	7.4
%RSD	.22812	.61752	.32172	.12366	.28336

#1	1851.9	33116.	4057.7	91.016	2605.1
#2	1857.9	32828.	4039.3	90.857	2615.5

Sample Name: J5076-13 Acquired: 9/28/2018 0:01:14 Type: Unk
Method: P4-ICP2(v2462) 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	.00471	.00291	.00298	.00530	-.00339	-.02138	.02150	.00009
Stddev	.00543	.00005	.00206	.00531	.00190	.00475	.00151	.00016
%RSD	115.30	1.7016	69.162	100.20	56.035	22.231	7.0294	168.75

#1	.00855	.00288	.00152	.00906	-.00204	-.02474	.02043	-.00002
#2	.00087	.00295	.00444	.00155	-.00473	-.01802	.02257	.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00053	101.03	-.00148	-.00052	.00101	-.00745	.01000	271.81
Stddev	.00007	.40	.00002	.00006	.00047	.00530	.00004	.22
%RSD	12.382	.39584	1.4347	12.099	46.733	71.154	.44566	.08103

#1	-.00048	101.32	-.00146	-.00057	.00068	-.01120	.01004	271.65
#2	-.00058	100.75	-.00149	-.00048	.00135	-.00370	.00997	271.96

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00455	-.00065	1817.8	.00213	.00062	92.283	.00183	.94713
Stddev	.00086	.00138	3.7	.00033	.00008	.021	.00044	.00018
%RSD	18.947	211.08	.20534	15.309	12.649	.02296	24.024	.01926

#1	-.00394	.00032	1815.2	.00236	.00068	92.268	.00152	.94726
#2	-.00516	-.00163	1820.4	.00190	.00057	92.298	.00214	.94700

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	230.27	1.0649	-.08222	-.00406	.36942	.1211	1.6519	23.348
Stddev	.22	.0071	.00002	.00087	.00402	.0012	.0013	.600
%RSD	.09499	.66976	.01854	21.379	1.0877	.9679	.07863	2.5680

#1	230.43	1.0699	-.08223	-.00467	.36658	.1203	1.6528	22.924
#2	230.12	1.0599	-.08221	-.00344	.37226	.1220	1.6510	23.772

Sample Name: J5076-13 Acquired: 9/28/2018 0:01:14 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.4531
 Stddev .0444
 %RSD 1.8104

#1 2.4846
 #2 2.4217

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1794.6	31784.	3890.4	88.280	2490.8
Stddev	4.9	89.	12.1	1.099	3.8
%RSD	.27345	.28063	.31083	1.2447	.15231

#1	1791.1	31847.	3898.9	89.057	2488.1
#2	1798.0	31721.	3881.8	87.503	2493.5

Sample Name: J5076-14 Acquired: 9/28/2018 0:05:23 Type: Unk
Method: P4-ICP2(v2462) 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	.01098	.00211	.00179	.00271	-.00044	-.01507	.02048	.00010
Stddev	.00075	.00220	.00072	.00084	.00007	.00673	.00130	.00004
%RSD	6.7899	104.14	39.928	31.084	15.378	44.655	6.3415	35.850

#1	.01045	.00367	.00129	.00211	-.00049	-.01031	.01956	.00013
#2	.01150	.00056	.00230	.00330	-.00039	-.01983	.02140	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00057	77.108	-.00044	-.00010	.00132	-.01158	.00781	187.39
Stddev	.00013	.247	.00051	.00056	.00046	.00269	.00009	.37
%RSD	22.312	.32080	116.10	564.89	35.312	23.197	1.1198	.19932

#1	-.00048	76.933	-.00080	.00030	.00099	-.01348	.00775	187.13
#2	-.00066	77.283	-.00008	-.00049	.00164	-.00968	.00788	187.65

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00277	-.00020	1320.8	.00191	.00243	63.431	.00144	.65466
Stddev	.00037	.00027	13.6	.00071	.00010	.275	.00018	.00477
%RSD	13.225	134.44	1.0268	37.377	4.2691	.43376	12.469	.72789

#1	-.00251	-.00040	1330.4	.00141	.00236	63.236	.00157	.65803
#2	-.00303	-.00001	1311.2	.00242	.00250	63.625	.00131	.65129

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	158.24	.96874	-.05574	-.00220	.23300	.0973	1.1688	18.831
Stddev	2.51	.00400	.00069	.00254	.01226	.0045	.0001	.376
%RSD	1.5865	.41318	1.2384	115.61	5.2627	4.612	.01119	1.9979

#1	160.02	.96591	-.05622	-.00040	.24167	.1004	1.1687	19.097
#2	156.47	.97157	-.05525	-.00399	.22433	.0941	1.1689	18.565

Sample Name: J5076-14 Acquired: 9/28/2018 0:05:23 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.9103
Stddev .0186
%RSD .97216

#1 1.8972
#2 1.9235

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1841.7	33382.	4052.7	91.836	2610.9
Stddev	25.1	76.	21.4	1.278	30.6
%RSD	1.3633	.22897	.52697	1.3913	1.1732

#1	1823.9	33328.	4067.8	92.740	2589.3
#2	1859.4	33436.	4037.6	90.933	2632.6

Sample Name: J5098-01 Acquired: 9/28/2018 0:09:33 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-9-6FT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04516	-.02056	.16930	-.02499	.00206	182.43	.74760
Stddev	.00029	.00001	.00085	.00136	.00060	1.58	.00044
%RSD	.64008	.03219	.49918	5.4568	29.016	.86833	.05857

#1	.04496	-.02056	.16990	-.02595	.00248	183.55	.74729
#2	.04537	-.02055	.16870	-.02402	.00164	181.31	.74791

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00615	.00616	10.122	.17488	.11430	.19230	278.90
Stddev	.00014	.00061	.046	.00289	.00012	.00000	4.64
%RSD	2.3171	9.9474	.44998	1.6546	.10320	.00014	1.6646

#1	.00605	.00659	10.154	.17693	.11438	.19230	275.62
#2	.00625	.00572	10.089	.17284	.11422	.19230	282.19

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.656	25.640	.19464	.00016	2.4145	.29270	.67378
Stddev	.100	.316	.00034	.00091	.0814	.00268	.01463
%RSD	.68299	1.2332	.17281	554.79	3.3708	.91716	2.1713

#1	14.585	25.416	.19440	-.00048	2.3569	.29460	.66344
#2	14.726	25.863	.19488	.00081	2.4720	.29080	.68412

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9295	.00097	.22147	1.5686	8.8690	.03569	1.6700
Stddev	.0008	.00014	.00265	.0096	.0290	.00137	.0005
%RSD	.01284	14.927	1.1954	.61230	.32728	3.8262	.03128

#1	5.9289	.00107	.21960	1.5754	8.8896	.03665	1.6697
#2	5.9300	.00087	.22334	1.5618	8.8485	.03472	1.6704

Sample Name: J5098-01 Acquired: 9/28/2018 0:09:33 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-9-6FT Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.3744	4.125	.09756	F<.00000	33.106
Stddev	.0021	.025	.00015	.11748	.117
%RSD	.15468	.6025	.15617	.40137	.35218

#1	1.3759	4.142	.09767	-29.188	33.023
#2	1.3729	4.107	.09745	-29.354	33.188

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2363.6	42787.	4956.4	95.027	3049.2
Stddev	4.9	191.	.6	1.905	8.4
%RSD	.20927	.44714	.01261	2.0044	.27660

#1	2360.1	42652.	4955.9	96.373	3043.2
#2	2367.1	42923.	4956.8	93.680	3055.2

Sample Name: J5098-03 Acquired: 9/28/2018 0:13:42 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-9-10FT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01571	-.01307	.05444	-.01539	.00112	116.65	.56655
Stddev	.00179	.00133	.00064	.00425	.00070	.02	.00131
%RSD	11.401	10.147	1.1799	27.624	62.344	.01599	.23128

#1	.01697	-.01401	.05398	-.01238	.00063	116.66	.56562
#2	.01444	-.01213	.05489	-.01839	.00161	116.63	.56748

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00336	.00182	10.537	.16144	.04627	.16352	162.00
Stddev	.00006	.00004	.080	.00074	.00018	.00054	.05
%RSD	1.6992	2.4160	.76082	.46090	.38030	.32933	.03067

#1	.00340	.00185	10.594	.16092	.04614	.16390	162.04
#2	.00332	.00179	10.481	.16197	.04639	.16314	161.97

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0057	15.852	.11952	-.00221	1.5232	.19088	.35076
Stddev	.0026	.088	.00019	.00058	.0748	.00017	.00059
%RSD	.08637	.55705	.16042	26.069	4.9111	.08829	.16882

#1	3.0039	15.915	.11965	-.00262	1.4703	.19100	.35118
#2	3.0076	15.790	.11938	-.00180	1.5761	.19076	.35034

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2550	.00006	.14313	.36231	3.0080	.00928	1.7173
Stddev	.0369	.00021	.00305	.00350	.0204	.00005	.0145
%RSD	.70317	320.89	2.1304	.96708	.67685	.58418	.84304

#1	5.2811	-.00008	.14528	.35983	3.0224	.00924	1.7275
#2	5.2289	.00021	.14097	.36479	2.9936	.00932	1.7070

Sample Name: J5098-03 Acquired: 9/28/2018 0:13:42 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-9-10FT Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.69381	2.597	.06783	F<.00000	22.565
Stddev	.00304	.027	.00052	.08830	.202
%RSD	.43884	1.047	.76546	.86993	.89527

#1	.69597	2.616	.06820	-10.087	22.708
#2	.69166	2.578	.06747	-10.212	22.422

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2219.3	40557.	4562.2	94.017	3180.0
Stddev	16.5	93.	50.7	.571	27.1
%RSD	.74552	.22913	1.1120	.60783	.85321

#1	2207.6	40491.	4526.3	93.613	3160.8
#2	2231.0	40622.	4598.0	94.421	3199.2

Sample Name: J5098-05 Acquired: 9/28/2018 0:17:41 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-10-6FT Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07258	-.01841	1.2784	-.02492	.00031	141.98	.95677
Stddev	.00397	.00130	.0035	.00471	.00038	.11	.01171
%RSD	5.4719	7.0597	.27324	18.904	122.96	.07463	1.2238

#1	.06977	-.01749	1.2808	-.02159	.00058	142.05	.94849
#2	.07539	-.01933	1.2759	-.02825	.00004	141.90	.96505

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00626	.01490	59.885	.17262	.11009	.79341	258.90
Stddev	.00002	.00089	.622	.00150	.00014	.00076	10.68
%RSD	.24380	5.9760	1.0385	.86930	.13011	.09517	4.1256

#1	.00627	.01553	59.445	.17156	.11019	.79394	251.35
#2	.00625	.01427	60.324	.17368	.10999	.79287	266.46

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9934	20.919	.19785	-.00021	3.7797	.30870	3.3688
Stddev	.0044	.083	.00131	.00091	.0556	.00304	.1314
%RSD	.07329	.39751	.66283	441.37	1.4713	.98457	3.8997

#1	5.9965	20.860	.19693	-.00085	3.7404	.30655	3.2759
#2	5.9903	20.978	.19878	.00044	3.8191	.31085	3.4617

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.1775	.00662	.21587	3.8068	4.3686	.29664	1.8903
Stddev	.0248	.00006	.00547	.0033	.0664	.00008	.0200
%RSD	.34520	.87600	2.5323	.08716	1.5201	.02599	1.0608

#1	7.1600	.00658	.21201	3.8091	4.3216	.29669	1.8761
#2	7.1950	.00666	.21974	3.8044	4.4155	.29658	1.9045

Sample Name: J5098-05 Acquired: 9/28/2018 0:17:41 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-10-6FT Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.1304	5.406	.48767	F<.00000	31.802
Stddev	.0040	.003	.00436	1.3801	.382
%RSD	.35763	.0503	.89453	6.2467	1.1998

#1	1.1332	5.408	.48458	-21.118	31.533
#2	1.1275	5.404	.49075	-23.070	32.072

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2290.1	42093.	4854.4	94.658	3012.8
Stddev	.3	180.	14.7	3.447	2.8
%RSD	.01494	.42775	.30223	3.6411	.09215

#1	2289.9	41965.	4864.7	97.095	3010.8
#2	2290.4	42220.	4844.0	92.221	3014.7

Sample Name: J5098-07 Acquired: 9/28/2018 0:21:35 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-10-10FT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03512	-.01276	.14017	-.00959	.00361	100.72	.48729
Stddev	.00291	.00027	.00012	.00207	.00015	.21	.00164
%RSD	8.2907	2.0822	.08809	21.556	4.0534	.20723	.33599

#1	.03306	-.01295	.14008	-.00813	.00351	100.87	.48844
#2	.03718	-.01258	.14025	-.01106	.00371	100.58	.48613

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00306	.00188	17.283	.14235	.05170	.30202	126.98
Stddev	.00006	.00054	.002	.00010	.00018	.00087	3.44
%RSD	2.0025	28.803	.01254	.07326	.33980	.28784	2.7100

#1	.00302	.00150	17.281	.14227	.05157	.30141	129.41
#2	.00311	.00226	17.284	.14242	.05182	.30264	124.55

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.7378	11.993	.09826	-.00054	1.7049	.16473	.47443
Stddev	.0022	.102	.00065	.00084	.0503	.00110	.01168
%RSD	.03747	.84704	.66172	156.07	2.9501	.66995	2.4616

#1	5.7363	11.921	.09780	.00006	1.6694	.16395	.48269
#2	5.7393	12.065	.09872	-.00114	1.7405	.16551	.46618

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6506	.00043	.10215	.84270	2.9798	.06623	1.2659
Stddev	.0187	.00012	.00290	.00289	.0273	.00002	.0005
%RSD	.40132	28.363	2.8376	.34259	.91651	.02561	.04253

#1	4.6374	.00035	.10420	.84474	2.9605	.06624	1.2662
#2	4.6638	.00052	.10010	.84065	2.9991	.06622	1.2655

Sample Name: J5098-07 Acquired: 9/28/2018 0:21:35 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-10-10FT Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.57150	2.833	.11870	F<.00000	21.191
Stddev	.00227	.007	.00011	.65816	.114
%RSD	.39650	.2427	.09463	20.405	.53820

#1	.56990	2.829	.11862	-2.7601	21.272
#2	.57311	2.838	.11878	-3.6909	21.110

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2188.1	39737.	4436.5	93.514	3201.4
Stddev	1.7	69.	23.1	2.471	4.6
%RSD	.07916	.17399	.52059	2.6424	.14471

#1	2186.9	39688.	4452.8	91.767	3198.2
#2	2189.3	39786.	4420.1	95.261	3204.7

Sample Name: J5109-01 Acquired: 9/28/2018 0:25:34 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: L-P-P-1-STAF Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00889	-.01449	-.00643	-.00591	-.00251	18.452	.02823	-.00020
Stddev	.00456	.00300	.00021	.00008	.00179	.069	.00171	.00003
%RSD	51.260	20.710	3.1918	1.4086	71.238	.37655	6.0537	14.364

#1	.00567	-.01661	-.00628	-.00585	-.00378	18.501	.02702	-.00018
#2	.01211	-.01237	-.00657	-.00597	-.00125	18.403	.02944	-.00022

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00147	369.82	.00782	.01385	.11636	57.606	.09644	433.79
Stddev	.00023	.73	.00025	.00015	.00059	.904	.00024	1.36
%RSD	15.307	.19674	3.2002	1.0954	.51099	1.5701	.25034	.31325

#1	.00163	369.30	.00764	.01396	.11678	56.967	.09661	432.83
#2	.00131	370.33	.00800	.01374	.11594	58.246	.09627	434.75

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01009	-.00427	4.3995	.01149	.49476	1.8898	-.00074	.06578
Stddev	.00010	.00076	.0342	.00058	.01006	.0068	.00053	.00281
%RSD	1.0082	17.673	.77728	5.0291	2.0338	.36062	71.623	4.2773

#1	.01002	-.00481	4.3753	.01190	.48765	1.8946	-.00036	.06777
#2	.01016	-.00374	4.4237	.01108	.50188	1.8850	-.00111	.06379

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 600.99	.82732	-.21923	2.4746	.13461	.7706	.68240	28.065
Stddev	.78	.00447	.00005	.0164	.00604	.0027	.00082	.164
%RSD	.12996	.54034	.02216	.66135	4.4882	.3509	.11949	.58367

#1	601.54	.82416	-.21920	2.4630	.13034	.7687	.68182	27.949
#2	600.43	.83048	-.21927	2.4862	.13888	.7725	.68297	28.181

Sample Name: J5109-01 Acquired: 9/28/2018 0:25:34 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: L-P-P-1-STAF Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	17.634
Stddev	.026
%RSD	.14848

#1	17.615
#2	17.652

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1824.2	34558.	4107.6	88.738	2763.1
Stddev	6.4	105.	3.6	1.320	10.6
%RSD	.35115	.30340	.08859	1.4880	.38361

#1	1819.7	34484.	4110.1	89.672	2755.6
#2	1828.7	34632.	4105.0	87.804	2770.6

Sample Name: J5109-02 Acquired: 9/28/2018 0:29:34 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: L-P-P-2-STAF 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	-.01337	.00808	.00443	-.00140	40.133	.01276	.00024
Stddev	.00112	.00290	.00038	.00031	.00159	.143	.00059	.00009
%RSD	38.570	21.714	4.6874	7.0584	113.71	.35647	4.6459	38.145

#1	.00212	-.01543	.00835	.00465	-.00027	40.032	.01234	.00018
#2	.00371	-.01132	.00781	.00421	-.00252	40.234	.01318	.00031

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	99.941	.01114	.00618	.02252	2.9431	.02113	20.241
Stddev	.00008	.515	.00037	.00027	.00038	.0306	.00008	.052
%RSD	117.83	.51580	3.3178	4.3426	1.6812	1.0399	.36822	.25875

#1	-.00001	100.31	.01140	.00599	.02279	2.9647	.02107	20.278
#2	-.00012	99.576	.01088	.00637	.02225	2.9215	.02118	20.204

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01093	-.00189	8.9267	.01185	.37715	4.4443	.00032	.01248
Stddev	.00010	.00051	.0479	.00064	.00088	.0094	.00005	.00907
%RSD	.87246	27.062	.53702	5.4023	.23433	.21178	16.276	72.693

#1	.01086	-.00225	8.9606	.01230	.37777	4.4376	.00035	.01890
#2	.01100	-.00153	8.8928	.01140	.37652	4.4509	.00028	.00607

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	37.264	1.3182	-.01023	2.4018	.03927	.4212	.15175	13.113
Stddev	.041	.0273	.00178	.0058	.00102	.0035	.00024	.660
%RSD	.10914	2.0744	17.376	.23963	2.5858	.8293	.15530	5.0320

#1	37.236	1.2989	-.01149	2.4059	.03999	.4187	.15192	13.579
#2	37.293	1.3376	-.00898	2.3977	.03856	.4237	.15159	12.646

Sample Name: J5109-02 Acquired: 9/28/2018 0:29:34 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: L-P-P-2-STAF Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .18208
 Stddev .73572
 %RSD 404.07

#1 -.33816
 #2 .70231

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2012.0	37591.	4320.0	96.167	3159.2
Stddev	6.2	55.	22.7	.418	12.0
%RSD	.30619	.14668	.52530	.43473	.38032

#1	2007.6	37552.	4303.9	95.871	3150.7
#2	2016.3	37630.	4336.0	96.462	3167.7

Sample Name: CCV15 Acquired: 9/28/2018 0:33:36 Type: Unk
Method: P4-ICP2(v2462) 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	5.2591	5.2823	4.9440	5.3182	5.4777	10.852	9.9660	.25494
Stddev	.0047	.0052	.0019	.0141	.0122	.006	.1298	.00036
%RSD	.08961	.09897	.03806	.26484	.22303	.05372	1.3023	.14096
#1	5.2624	5.2860	4.9453	5.3281	5.4863	10.848	10.058	.25469
#2	5.2557	5.2786	4.9427	5.3082	5.4691	10.856	9.8742	.25520
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6079	25.451	1.0332	2.6017	1.3230	5.4009	2.5785	25.090
Stddev	.0078	.191	.0012	.0085	.0013	.0204	.0060	.135
%RSD	.30068	.75085	.11868	.32696	.09979	.37709	.23260	.53919
#1	2.6135	25.587	1.0341	2.6077	1.3240	5.3865	2.5742	25.186
#2	2.6024	25.316	1.0324	2.5957	1.3221	5.4153	2.5827	24.994
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5913	1.2873	24.700	2.5786	2.7355	25.816	5.3302	5.1240
Stddev	.0088	.0003	.210	.0030	.0193	.181	.0004	.0808
%RSD	.33978	.02080	.85090	.11773	.70497	.70290	.00808	1.5765
#1	2.5976	1.2871	24.849	2.5807	2.7218	25.944	5.3305	5.1811
#2	2.5851	1.2875	24.551	2.5764	2.7491	25.687	5.3299	5.0669
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1643	4.9963	5.0149	5.2359	4.7584	5.292	5.3033	F 9.2588
Stddev	.0350	.0619	.0096	.0439	.0373	.005	.0447	.9292
%RSD	.67838	1.2384	.19138	.83822	.78354	.0985	.84222	10.036
#1	5.1890	5.0401	5.0081	5.2669	4.7847	5.295	5.3349	8.6018
#2	5.1395	4.9526	5.0216	5.2048	4.7320	5.288	5.2717	9.9158

Sample Name: CCV15 Acquired: 9/28/2018 0:33:36 Type: Unk
Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.1361
Stddev .0930
%RSD 8.1843

#1 1.2019
#2 1.0704

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2018.6	37431.	4146.6	91.387	3129.4
Stddev	4.3	3.	35.0	.491	12.9
%RSD	.21301	.00917	.84469	.53744	.41213

#1	2015.5	37429.	4121.8	91.735	3120.2
#2	2021.6	37434.	4171.4	91.040	3138.5

Sample Name: CCB15 Acquired: 9/28/2018 0:37:23 Type: Unk
Method: P4-ICP2(v2462) 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	.00131	-.00204	-.00242	.00052	.00116	.00066	-.00139
Stddev	.00203	.00012	.00046	.00141	.00059	.00705	.00033
%RSD	155.57	5.6905	18.877	273.98	50.529	1067.4	23.949

#1	-.00013	-.00212	-.00275	-.00048	.00157	.00565	-.00162
#2	.00274	-.00196	-.00210	.00151	.00074	-.00433	-.00115

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00012	.01177	.00030	.00004	-.00115	.00870
Stddev	.00008	.00003	.00006	.00064	.00013	.00013	.00171
%RSD	1134.2	23.792	.48136	215.54	298.56	11.190	19.676

#1	.00006	-.00014	.01181	-.00015	.00014	-.00124	.00991
#2	-.00005	-.00010	.01173	.00075	-.00005	-.00106	.00749

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.01689	.00003	-.00002	.25184	-.00049	-.00022
Stddev	.00004	.04887	.00050	.00037	.03777	.00031	.00004
%RSD	172.93	289.30	1523.8	1873.6	14.996	63.554	20.491

#1	.00005	-.05145	.00039	.00024	.22514	-.00027	-.00019
#2	-.00001	.01766	-.00032	-.00028	.27855	-.00072	-.00025

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01609	.00115	.00173	-.00362	-.00024	-.00057	-.00131
Stddev	.01234	.00018	.00240	.00452	.00088	.00020	.00041
%RSD	76.650	15.559	138.60	124.71	364.38	34.333	31.254

#1	.02482	.00128	.00003	-.00043	-.00086	-.00071	-.00160
#2	.00737	.00103	.00342	-.00681	.00038	-.00043	-.00102

Sample Name: CCB15 Acquired: 9/28/2018 0:37:23 Type: Unk
 Method: P4-ICP2(v2462) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.02369	.0012	.00015	F 2.7842	F<.00000
Stddev	.00118	.0020	.00001	3.4681	1.0410
%RSD	4.9599	163.5	7.6099	124.56	84.188

#1	-.02453	-.0002	.00014	.33196	-1.9726
#2	-.02286	.0026	.00015	5.2365	-.50041

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2112.9	40085.	4199.9	95.927	3544.8
Stddev	5.7	1763.	37.3	1.412	7.6
%RSD	.26982	4.3992	.88697	1.4720	.21428

#1	2116.9	41331.	4173.6	94.928	3550.2
#2	2108.8	38838.	4226.2	96.925	3539.4