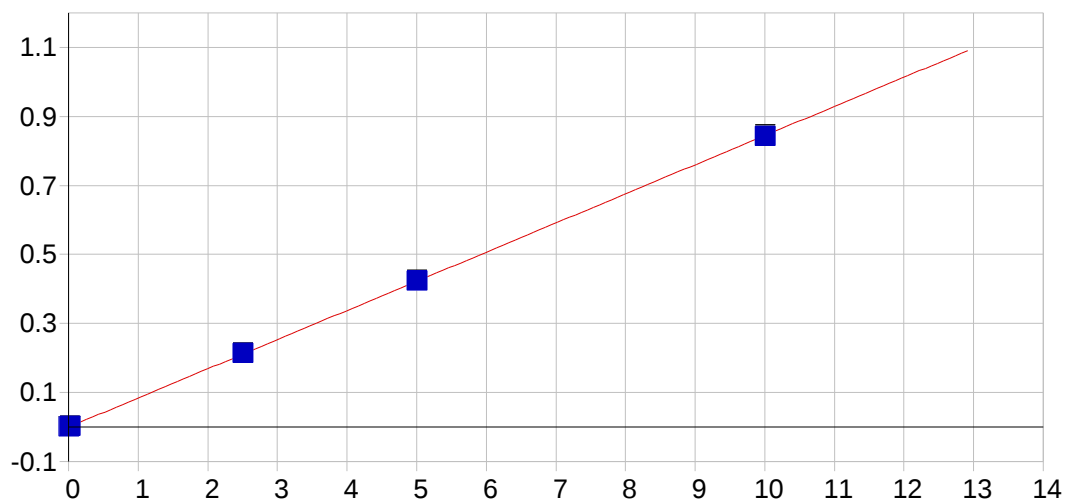


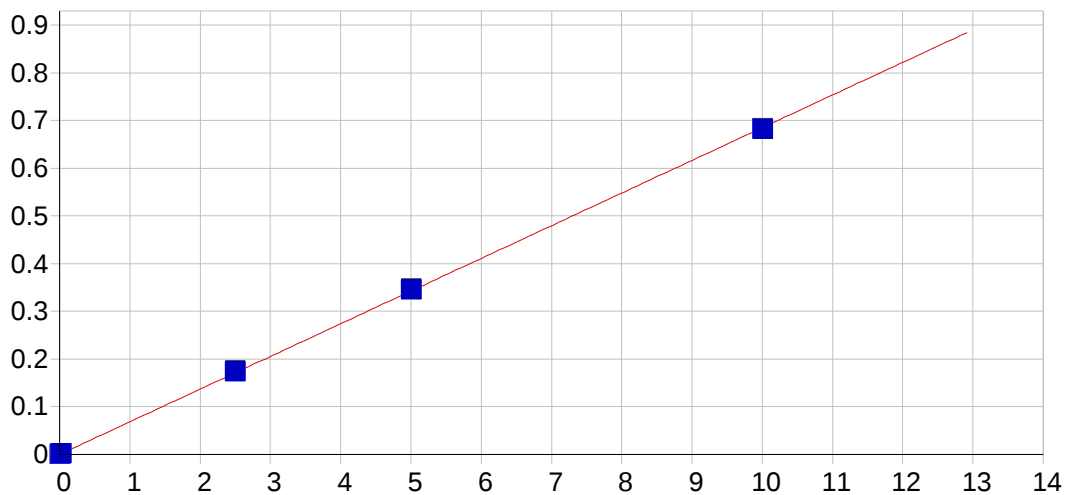


As 189.042 {478}

Date of Fit: 10/15/2018 17:48:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000253 Re-Slope: 1.000000
 A1 (Gain): 0.084487 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999990 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.003113
 Predicted MQL: 0.010376

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00025	.000	1
S1	.02000	.01877	-.001	-6.14	.00133	.000	1
S3	2.5000	2.5186	.019	.745	.21252	.002	1
S4	5.0000	5.0145	.014	.289	.42338	.001	1
S5	10.000	9.9681	-.032	-.319	.84187	.004	1



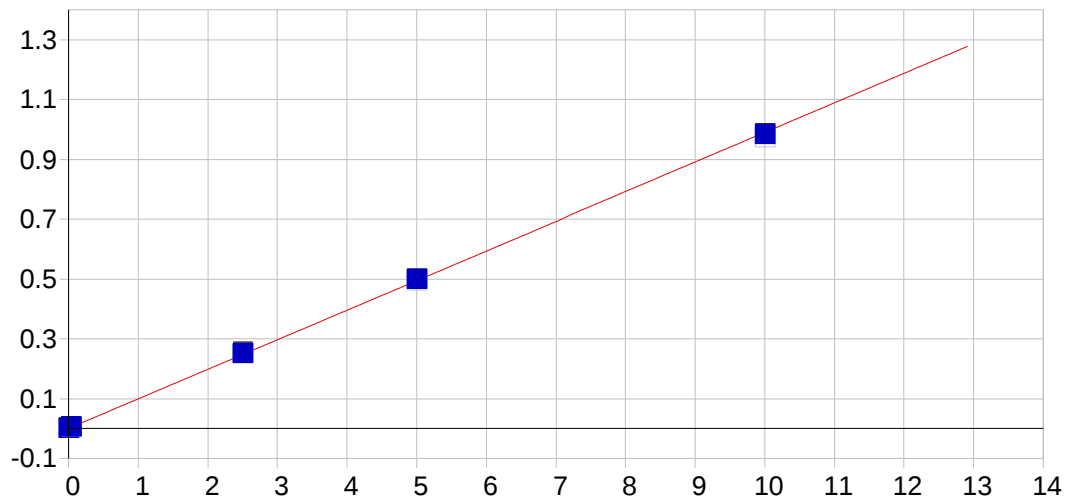
As 189.042 {479}

Date of Fit: 10/15/2018 17:48:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000002 Re-Slope: 1.000000

A1 (Gain): 0.068514 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.002763
 Predicted MQL: 0.009210

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00000	.000	1
S1	.02000	.02147	.001	7.36	.00147	.000	1
S3	2.5000	2.5235	.024	.941	.17290	.002	1
S4	5.0000	5.0261	.026	.521	.34436	.002	1
S5	10.000	9.9489	-.051	-.511	.68165	.002	1

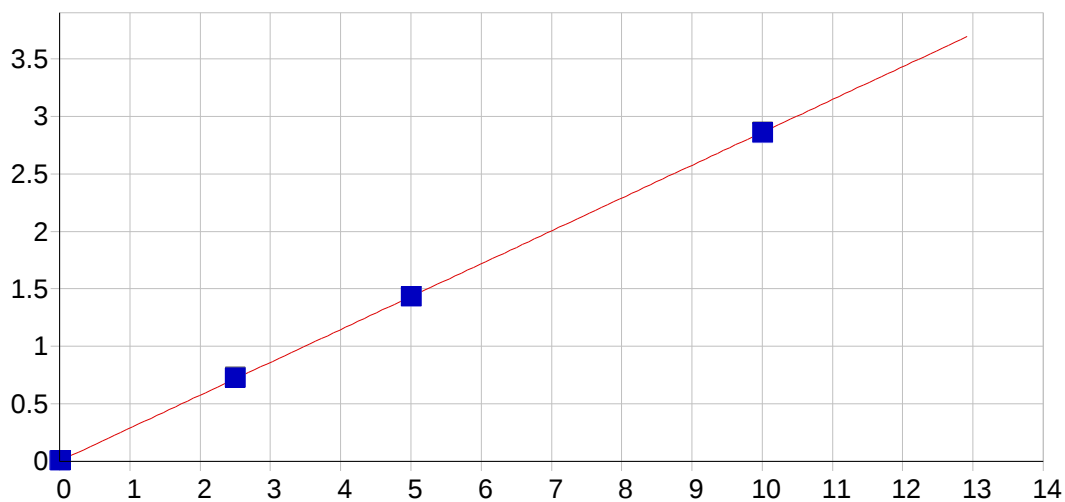


TI 190.856 {477}

Date of Fit: 10/15/2018 17:48:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000195 Re-Slope: 1.000000
 A1 (Gain): 0.099017 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999941 Status: OK.
 Std Error of Est: 0.000036
 Predicted MDL: 0.001718
 Predicted MQL: 0.005727

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00020	.000	1
S1	.04000	.04574	.006	14.3	.00423	.000	1
S3	2.5000	2.5345	.035	1.38	.24823	.004	1
S4	5.0000	5.0325	.032	.649	.49303	.001	1
S5	10.000	9.9274	-.073	-.726	.97263	.001	1

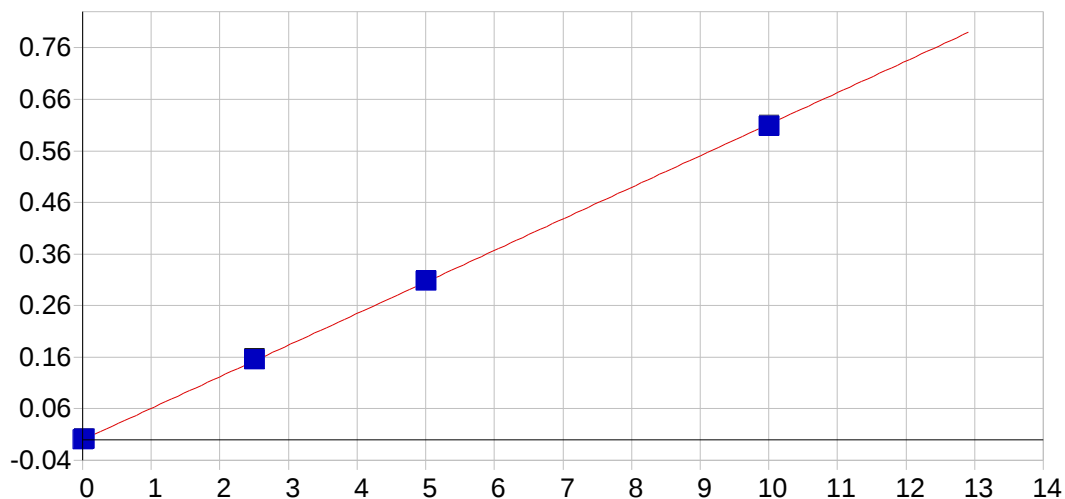


Pb 220.353 {453}

Date of Fit: 10/15/2018 17:48:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003910 Re-Slope: 1.000000
 A1 (Gain): 0.285604 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999994 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.001061
 Predicted MQL: 0.003535

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00391	.000	1
S1	.01200	.01305	.001	8.71	.00757	.000	1
S3	2.5000	2.5153	.015	.612	.72130	.009	1
S4	5.0000	5.0009	.001	.017	1.4302	.000	1
S5	10.000	9.9828	-.017	-.172	2.8511	.003	1



Se 196.090 {472}

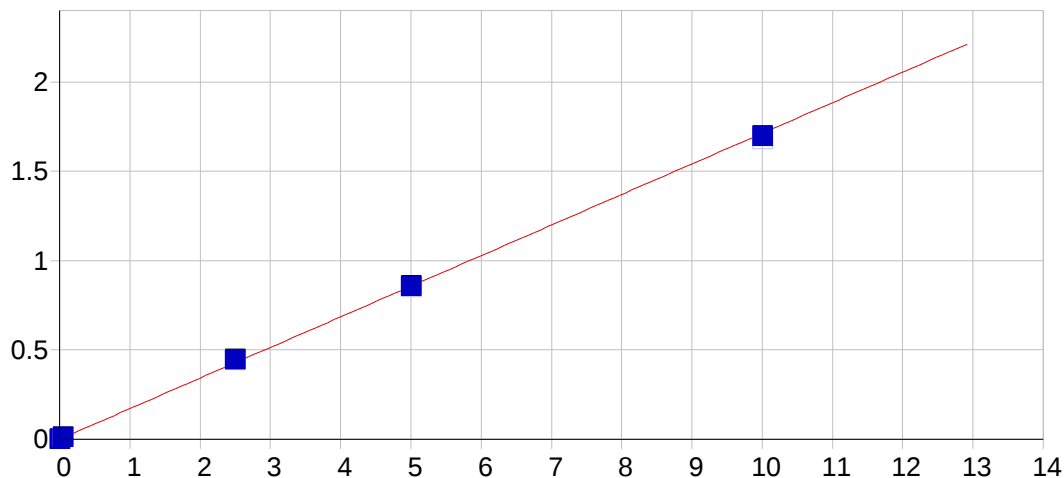
Date of Fit: 10/15/2018 17:48:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000342 Re-Slope: 1.000000
 A1 (Gain): 0.061204 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999972
 Std Error of Est: 0.000011
 Predicted MDL: 0.003577
 Predicted MQL: 0.011924

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00034	.000	1
S1	.02000	.02093	.001	4.64	.00094	.000	1
S3	2.5000	2.5324	.032	1.30	.15464	.001	1
S4	5.0000	5.0277	.028	.553	.30734	.000	1
S5	10.000	9.9390	-.061	-.610	.60789	.001	1



Sb 206.833 {463}

Date of Fit: 10/15/2018 17:48:02

Type of Fit: Linear

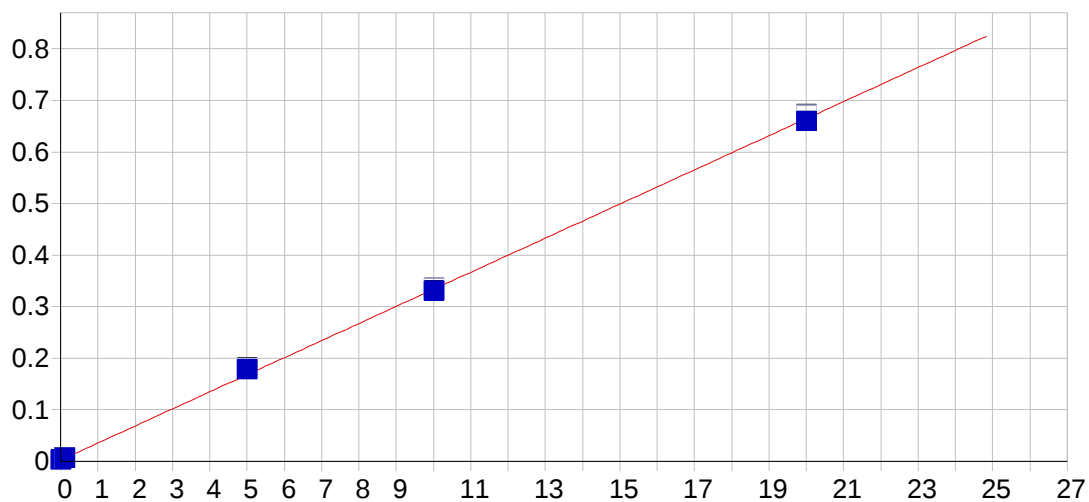
Weighting: 1/Conc

A0 (Offset): 0.000448
 A1 (Gain): 0.171223
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999845
 Std Error of Est: 0.000114
 Predicted MDL: 0.001779
 Predicted MQL: 0.005930

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	.00045	.000	1
S1	.05000	.05709	.007	14.2	.01001	.000	1
S3	2.5000	2.5908	.091	3.63	.43924	.005	1
S4	5.0000	5.0032	.003	.063	.84748	.003	1
S5	10.000	9.8990	-.101	-1.01	1.6761	.002	1

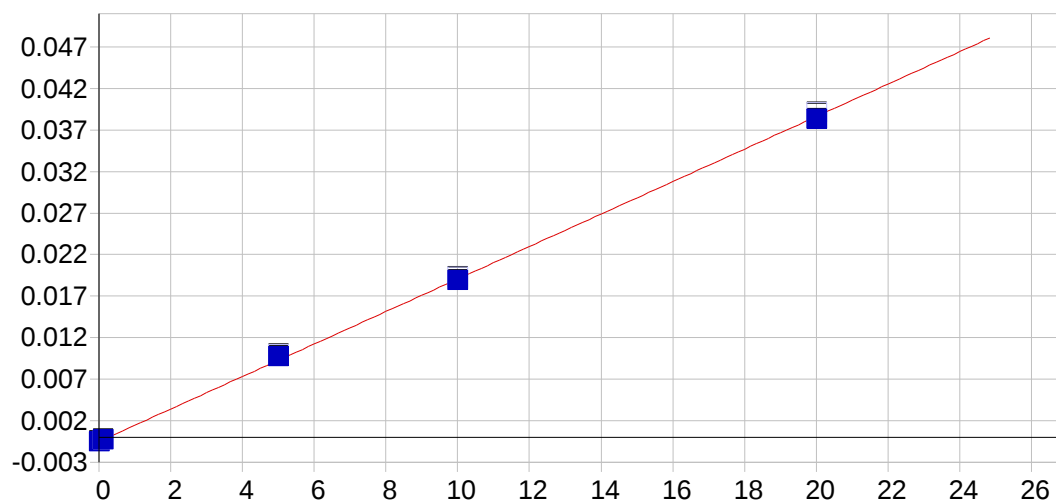


AI 308.215 {109}

Date of Fit: 10/15/2018 17:48:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002420 Re-Slope: 1.000000
 A1 (Gain): 0.033111 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999737 Status: OK.
 Std Error of Est: 0.000059
 Predicted MDL: 0.002956
 Predicted MQL: 0.009854

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00242	.000	1
S1	.10000	.10847	.008	8.47	.00624	.000	1
S3	5.0000	5.2800	.280	5.60	.18054	.000	1
S4	10.000	9.8939	-.106	-1.06	.33661	.000	1
S5	20.000	19.817	-.183	-.914	.67178	.001	1



AI 309.271 {109}

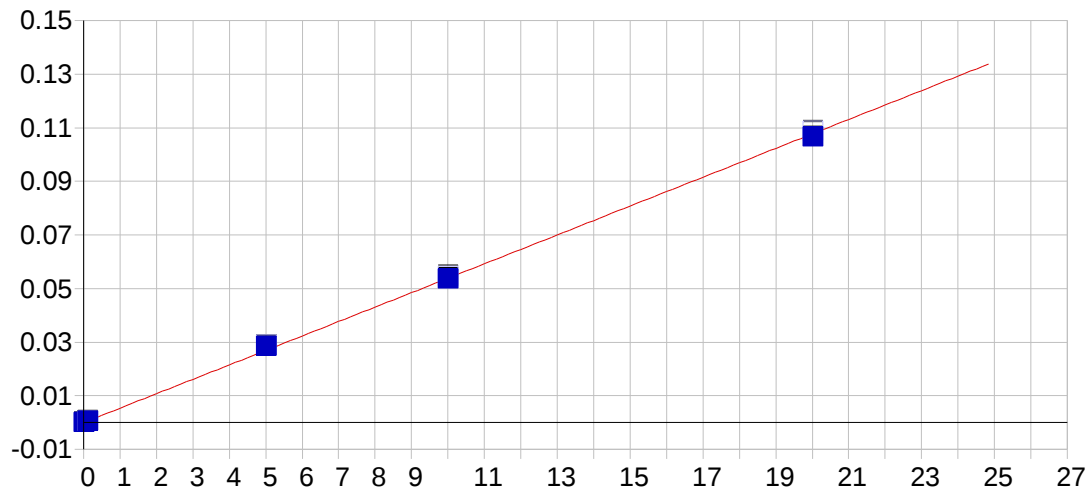
Date of Fit: 10/15/2018 17:48:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000497 Re-Slope: 1.000000
 A1 (Gain): 0.001955 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999811
 Std Error of Est: 0.000003
 Predicted MDL: 0.030475
 Predicted MQL: 0.101582

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00050	.000	1
S1	.10000	.10993	.010	9.93	-.00027	.000	1
S3	5.0000	5.2327	.233	4.65	.00993	.000	1
S4	10.000	9.9155	-.084	-.845	.01928	.000	1
S5	20.000	19.841	-.159	-.793	.03908	.000	1

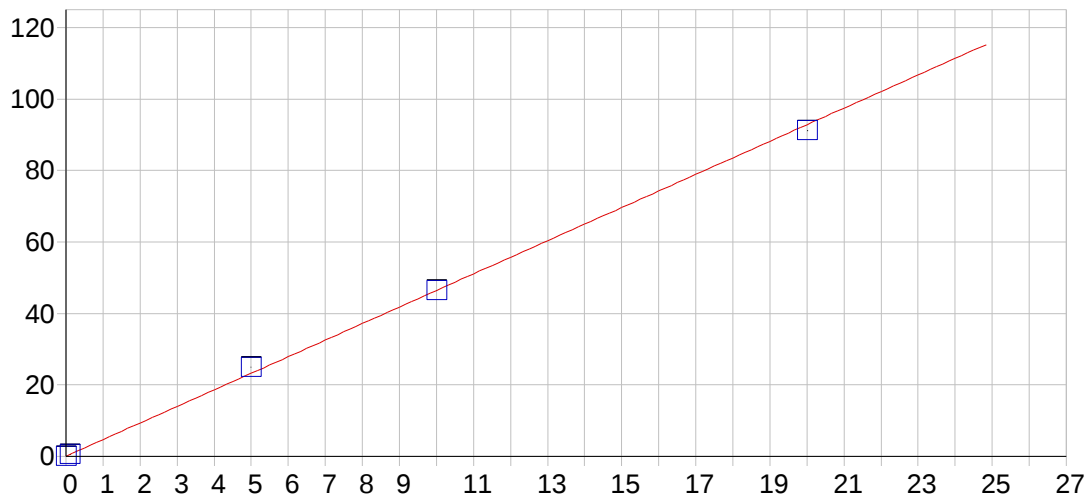


AI 396.152 { 85}

Date of Fit: 10/15/2018 17:48:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000046 Re-Slope: 1.000000
 A1 (Gain): 0.005387 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999718 Status: OK.
 Std Error of Est: 0.000010
 Predicted MDL: 0.015238
 Predicted MQL: 0.050795

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00005	.000	1
S1	.10000	.11560	.016	15.6	.00061	.000	1
S3	5.0000	5.2762	.276	5.52	.02891	.000	1
S4	10.000	9.9263	-.074	-.737	.05450	.000	1
S5	20.000	19.781	-.219	-1.09	.10866	.000	1

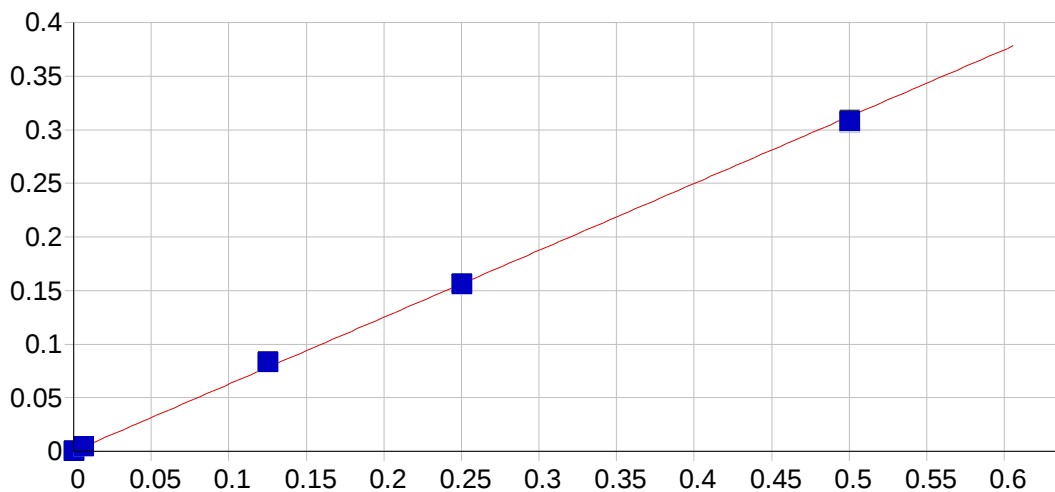


Ba 493.409 { 68}

Date of Fit: 10/15/2018 17:48:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.068428 Re-Slope: 1.000000
 A1 (Gain): 4.637408 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999508 Status: OK.
 Std Error of Est: 0.011129
 Predicted MDL: 0.000755
 Predicted MQL: 0.002515

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.06834	.003	1
S1	.10000	.11290	.013	12.9	.59201	.004	1
S3	5.0000	5.3622	.362	7.24	24.935	.120	1
S5	20.000	19.634	-.366	-1.83	91.121	.049	1
S4	10.000	9.9905	-.009	-.095	46.399	.074	1



Be 234.861 {144}

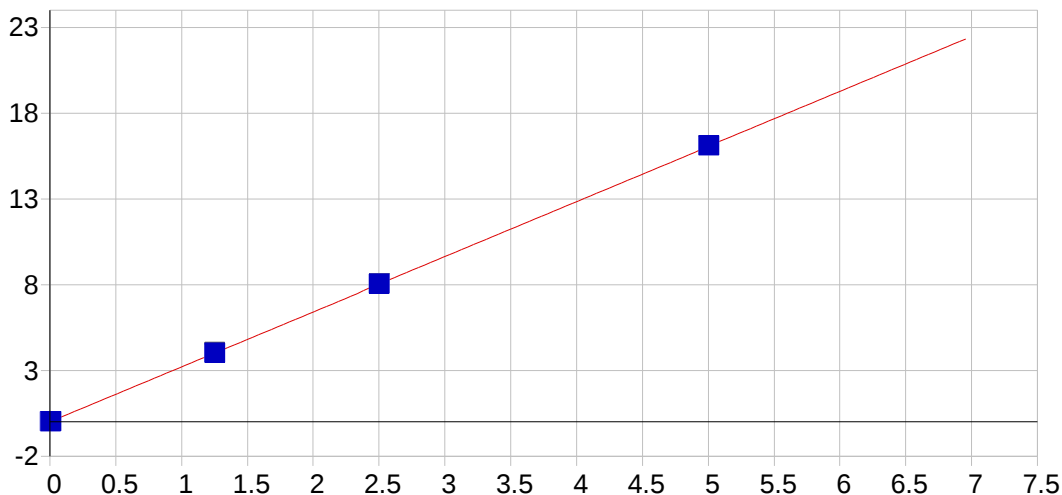
Date of Fit: 10/15/2018 17:48:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000160 Re-Slope: 1.000000
 A1 (Gain): 0.623968 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999638
 Std Error of Est: 0.000049
 Predicted MDL: 0.000082
 Predicted MQL: 0.000275

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00016	.000	1
S1	.00600	.00653	.001	8.89	.00420	.000	1
S3	.12500	.13265	.008	6.12	.08244	.000	1
S4	.25000	.24932	-.001	-.274	.15474	.000	1
S5	.50000	.49251	-.007	-1.50	.30551	.001	1



Cd 226.502 {449}

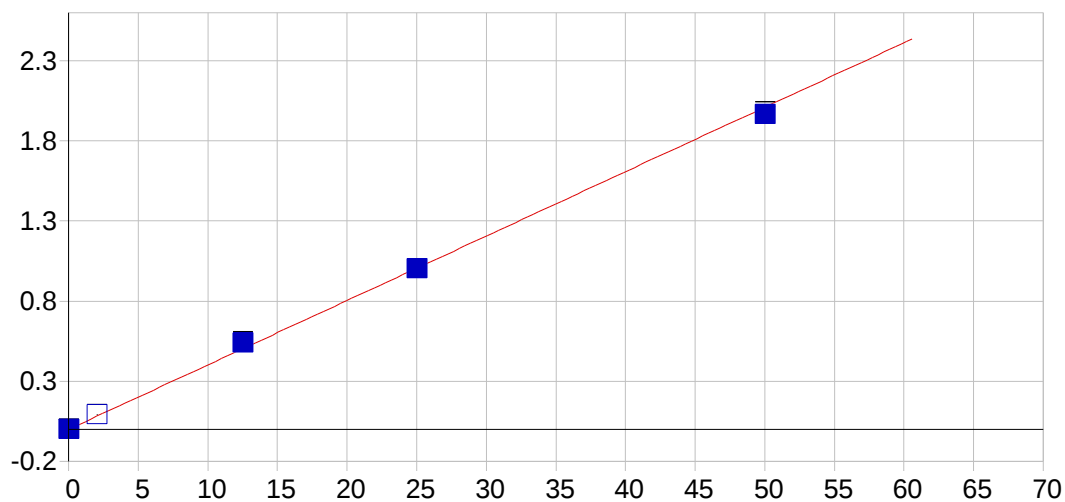
Date of Fit: 10/15/2018 17:48:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000963
 A1 (Gain): 3.211854
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999998
 Std Error of Est: 0.000057
 Predicted MDL: 0.000100
 Predicted MQL: 0.000332

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	-.00096	.000	1
S1	.00600	.00621	.000	3.56	.01903	.000	1
S3	1.2500	1.2451	-.005	-.396	3.9989	.050	1
S4	2.5000	2.5001	.000	.002	8.0307	.001	1
S5	5.0000	5.0047	.005	.093	16.077	.027	1

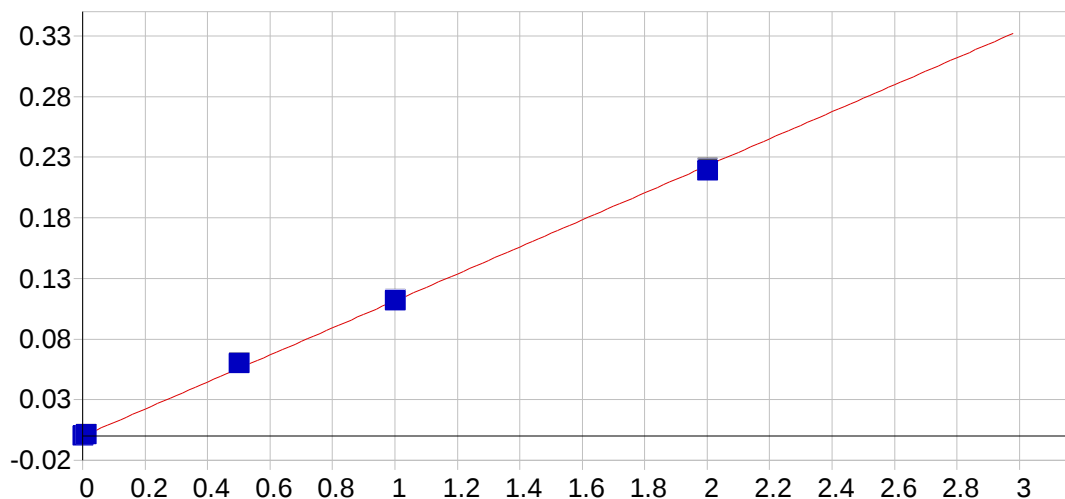


Ca 373.690 { 90}

Date of Fit: 10/15/2018 17:48:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000021 Re-Slope: 1.000000
 A1 (Gain): 0.040206 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999267 Status: OK.
 Std Error of Est: 0.000841
 Predicted MDL: 0.021771
 Predicted MQL: 0.072570

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2726	.273	13.6	.09135	.000	1
S0	.00000	-.00037	-.000	.000	-.00004	.000	1
S3	12.500	13.428	.928	7.42	.54012	.005	1
S4	25.000	24.920	-.080	-.320	1.0025	.000	1
S5	50.000	48.880	-1.12	-2.24	1.9663	.016	1



Cr 267.716 {126}

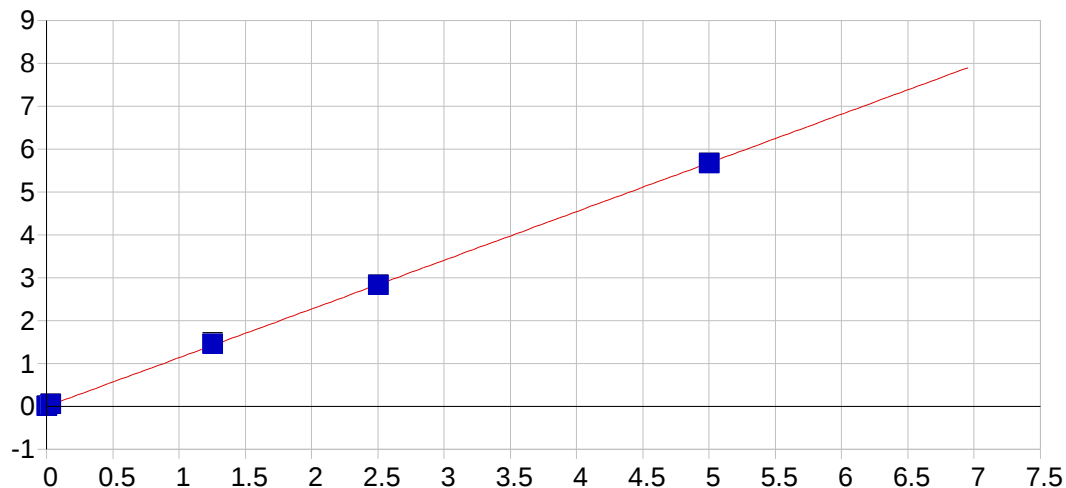
Date of Fit: 10/15/2018 17:48:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000010 Re-Slope: 1.000000
 A1 (Gain): 0.111424 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999540
 Std Error of Est: 0.000026
 Predicted MDL: 0.000603
 Predicted MQL: 0.002008

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00001	.000	1
S1	.01000	.01057	.001	5.72	.00117	.000	1
S3	.50000	.53571	.036	7.14	.06010	.000	1
S4	1.0000	1.0009	.001	.094	.11235	.000	1
S5	2.0000	1.9628	-.037	-1.86	.22035	.000	1



Co 228.616 {447}

Date of Fit: 10/15/2018 17:48:02

Type of Fit: Linear

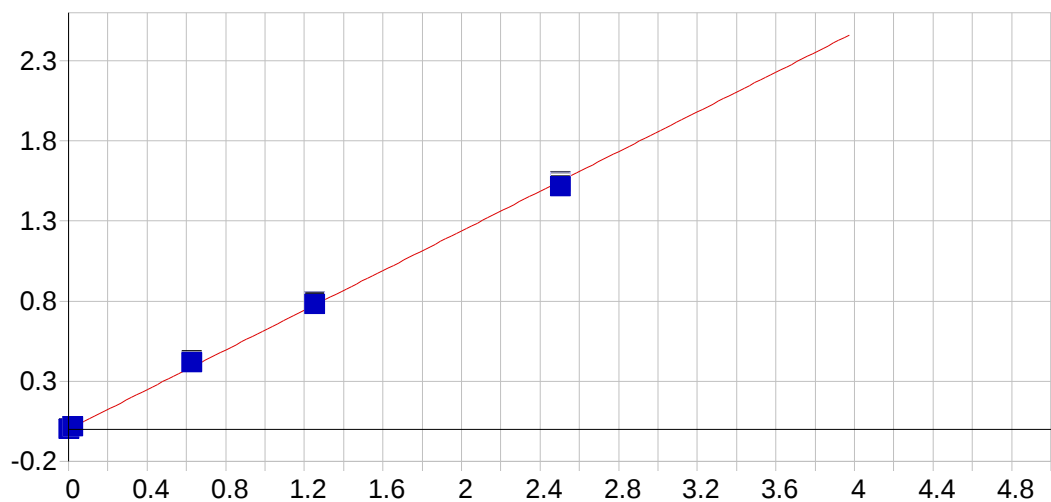
Weighting: 1/Conc

A0 (Offset): -0.000129
 A1 (Gain): 1.136025
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999916
 Std Error of Est: 0.000308
 Predicted MDL: 0.000255
 Predicted MQL: 0.000850

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	-.00013	.000	1
S1	.03000	.03433	.004	14.4	.03865	.000	1
S3	1.2500	1.2788	.029	2.31	1.4538	.018	1
S4	2.5000	2.4815	-.019	-.740	2.8211	.004	1
S5	5.0000	4.9854	-.015	-.292	5.6678	.007	1

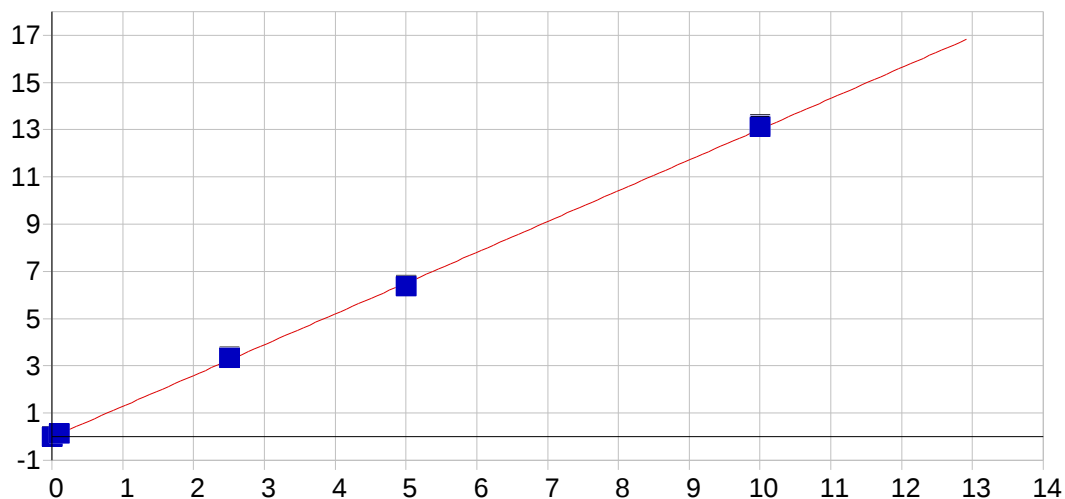


Cu 224.700 {450}

Date of Fit: 10/15/2018 17:48:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000134 Re-Slope: 1.000000
 A1 (Gain): 0.619099 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999498 Status: OK.
 Std Error of Est: 0.000242
 Predicted MDL: 0.000572
 Predicted MQL: 0.001905

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00013	.000	1
S1	.02000	.02252	.003	12.6	.01429	.000	1
S3	.62500	.66811	.043	6.90	.42064	.005	1
S4	1.2500	1.2594	.009	.750	.79356	.002	1
S5	2.5000	2.4450	-.055	-2.20	1.5413	.004	1



Fe 240.488 {140}

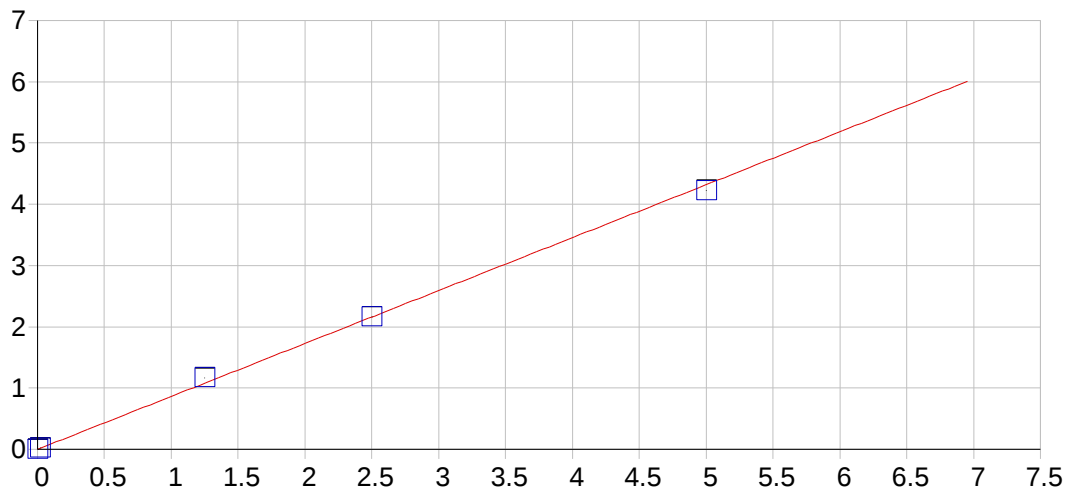
Date of Fit: 10/15/2018 17:48:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.018174 Re-Slope: 1.000000
 A1 (Gain): 1.304139 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999873
 Std Error of Est: 0.001130
 Predicted MDL: 0.009918
 Predicted MQL: 0.033060

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.01818	.004	1
S1	.10000	.10209	.002	2.09	.11560	.006	1
S3	2.5000	2.5561	.056	2.24	3.3317	.028	1
S4	5.0000	4.8809	-.119	-2.38	6.3800	.017	1
S5	10.000	10.061	.061	.609	13.168	.028	1

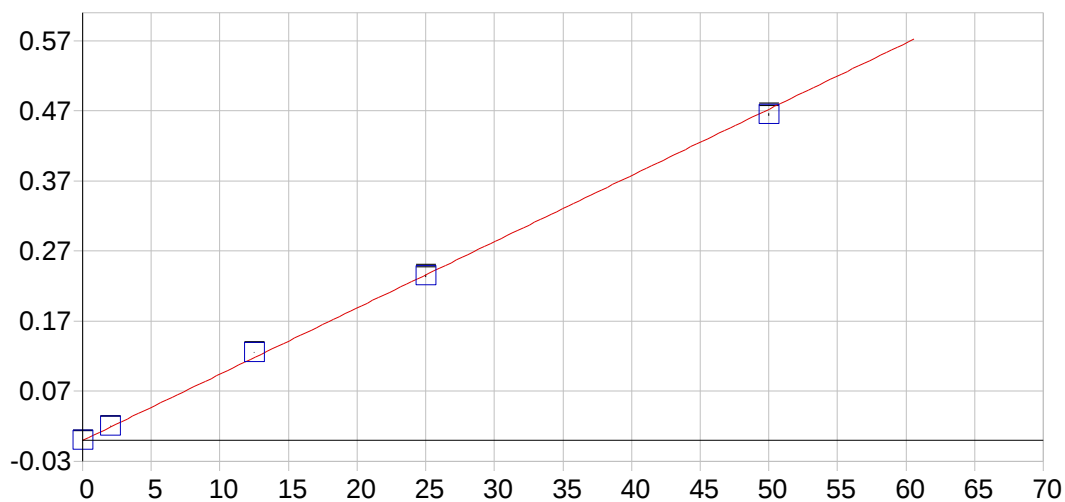


Mn 257.610 {131}

Date of Fit: 10/15/2018 17:48:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000143 Re-Slope: 1.000000
 A1 (Gain): 0.863926 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999378 Status: OK.
 Std Error of Est: 0.000521
 Predicted MDL: 0.000077
 Predicted MQL: 0.000258

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00014	.000	1
S1	.02000	.02389	.004	19.4	.02078	.000	1
S3	1.2500	1.3486	.099	7.89	1.1652	.002	1
S4	2.5000	2.5062	.006	.249	2.1653	.000	1
S5	5.0000	4.8913	-.109	-2.17	4.2258	.007	1

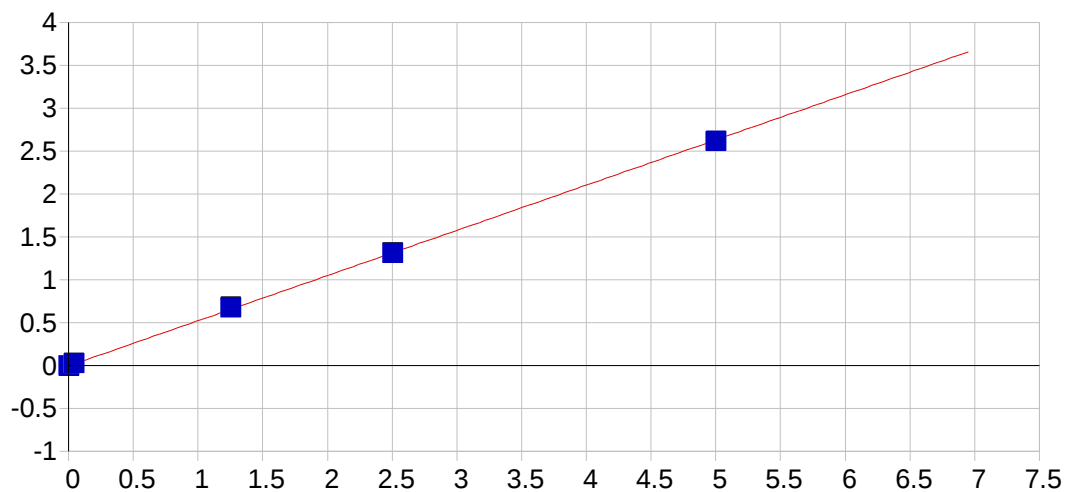


Mg 279.079 {121}

Date of Fit: 10/15/2018 17:48:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000189 Re-Slope: 1.000000
 A1 (Gain): 0.009451 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999557 Status: OK.
 Std Error of Est: 0.000154
 Predicted MDL: 0.048724
 Predicted MQL: 0.162414

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1670	.167	8.35	.02029	.000	1
S0	.00000	-.00025	-.000	.000	-.00019	.000	1
S3	12.500	13.300	.800	6.40	.12552	.000	1
S4	25.000	24.843	-.157	-.628	.23460	.002	1
S5	50.000	49.190	-.810	-1.62	.46471	.002	1



Ni 231.604 {445}

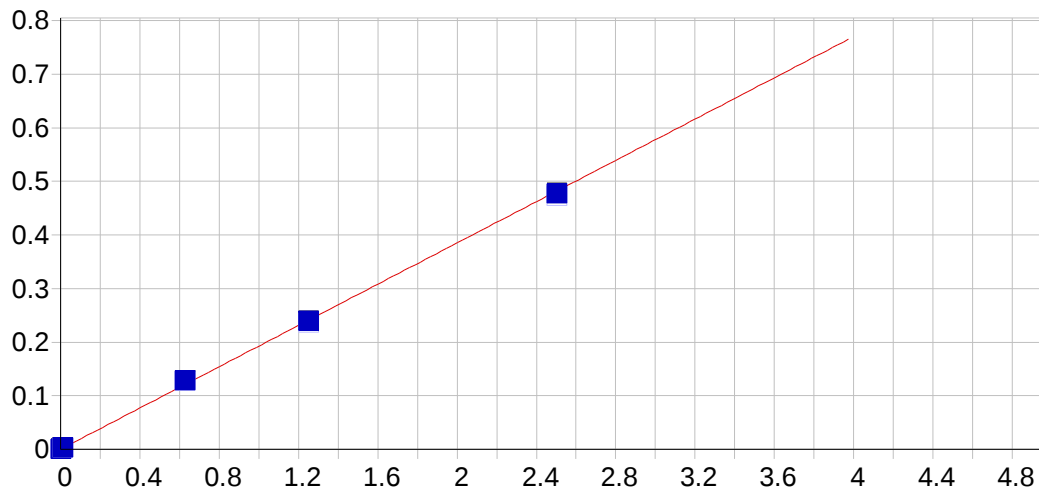
Date of Fit: 10/15/2018 17:48:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004781 Re-Slope: 1.000000
 A1 (Gain): 0.527064 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999884
 Std Error of Est: 0.000194
 Predicted MDL: 0.000510
 Predicted MQL: 0.001700

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00478	.000	1
S1	.04000	.04540	.005	13.5	.01916	.000	1
S3	1.2500	1.2865	.037	2.92	.67402	.008	1
S4	2.5000	2.4892	-.011	-.431	1.3086	.002	1
S5	5.0000	4.9689	-.031	-.623	2.6170	.003	1



Ag 328.068 {103}

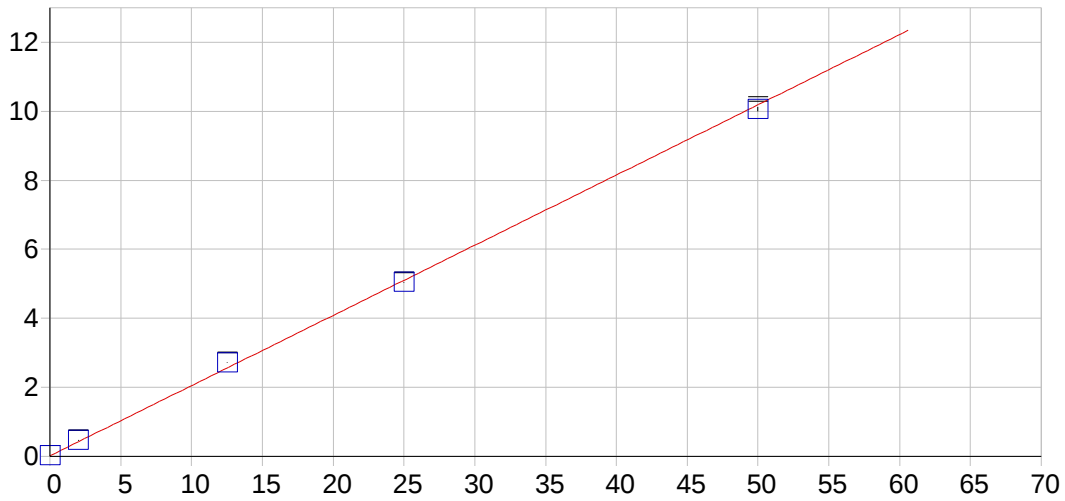
Date of Fit: 10/15/2018 17:48:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000090
 A1 (Gain): 0.192548
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999695
 Std Error of Est: 0.000040
 Predicted MDL: 0.000597
 Predicted MQL: 0.001990

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00009	.000	1
S1	.01000	.01061	.001	6.14	.00209	.000	1
S3	.62500	.66205	.037	5.93	.12620	.000	1
S4	1.2500	1.2371	-.013	-1.03	.23555	.001	1
S5	2.5000	2.4753	-.025	-.989	.47124	.001	1

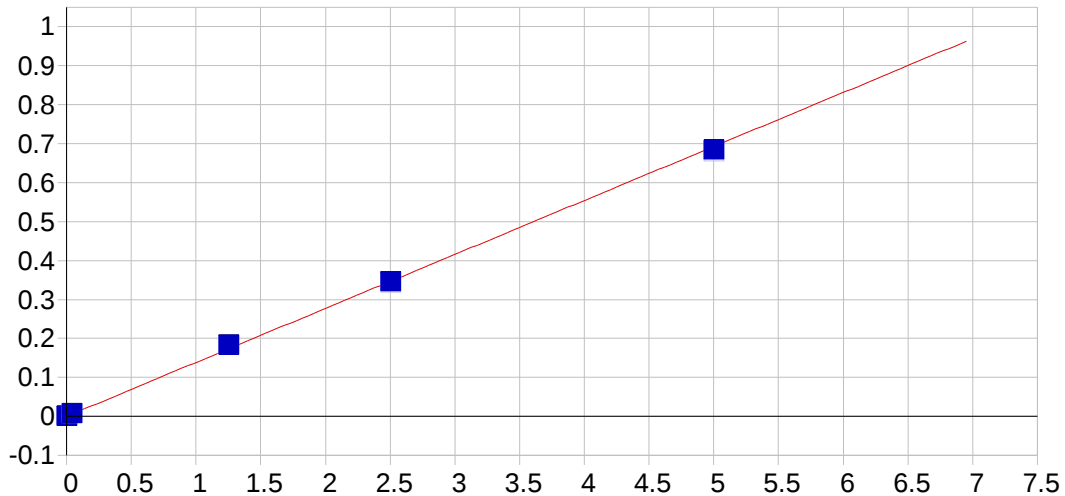


Na 589.592 { 57}

Date of Fit: 10/15/2018 17:48:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.015946 Re-Slope: 1.000000
 A1 (Gain): 0.203449 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999582 Status: OK.
 Std Error of Est: 0.003212
 Predicted MDL: 0.012495
 Predicted MQL: 0.041651

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1849	.185	9.24	.46045	.004	1
S0	.00000	-.00026	-.000	.000	.01589	.000	1
S3	12.500	13.258	.758	6.06	2.7132	.004	1
S4	25.000	24.690	-.310	-1.24	5.0390	.012	1
S5	50.000	49.368	-.632	-1.26	10.060	.057	1



V 292.402 {115}

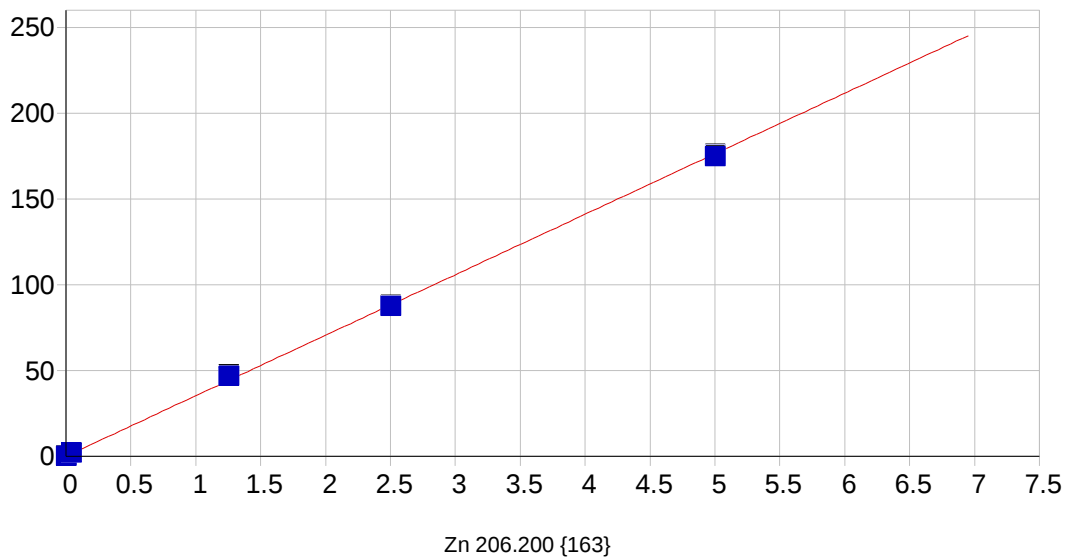
Date of Fit: 10/15/2018 17:48:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000098 Re-Slope: 1.000000
 A1 (Gain): 0.138565 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999635
 Std Error of Est: 0.000090
 Predicted MDL: 0.000584
 Predicted MQL: 0.001946

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00010	.000	1
S1	.04000	.04726	.007	18.2	.00636	.000	1
S3	1.2500	1.3215	.072	5.72	.18189	.000	1
S4	2.5000	2.4869	-.013	-.526	.34223	.000	1
S5	5.0000	4.9344	-.066	-1.31	.67911	.000	1



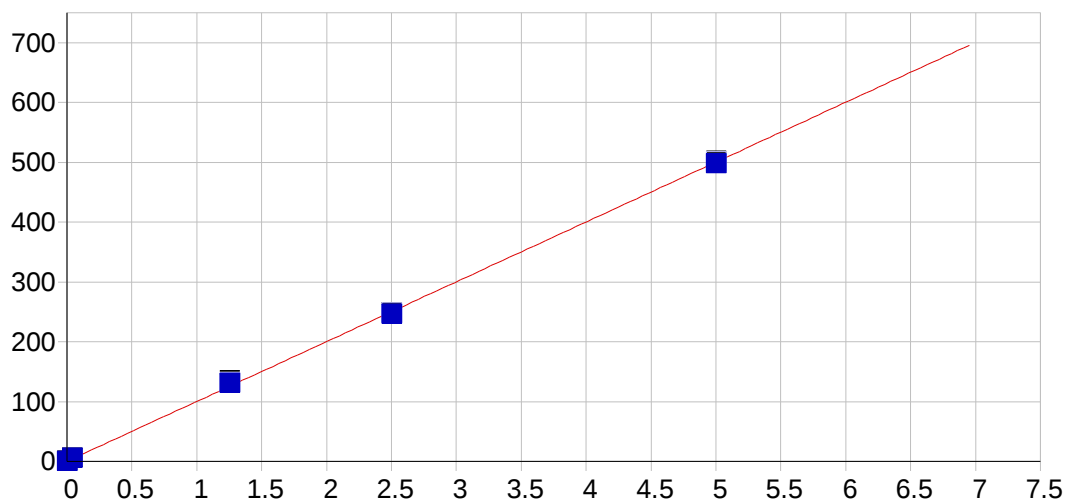
Date of Fit: 10/15/2018 17:48:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.053191
 A1 (Gain): 35.262016
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999698
 Std Error of Est: 0.021115
 Predicted MDL: 0.000497
 Predicted MQL: 0.001657

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	.05291	.021	1
S1	.04000	.04673	.007	16.8	1.7101	.017	1
S3	1.2500	1.3165	.066	5.32	46.742	.749	1
S4	2.5000	2.4746	-.025	-1.02	87.847	.145	1
S5	5.0000	4.9522	-.048	-.957	175.74	.449	1

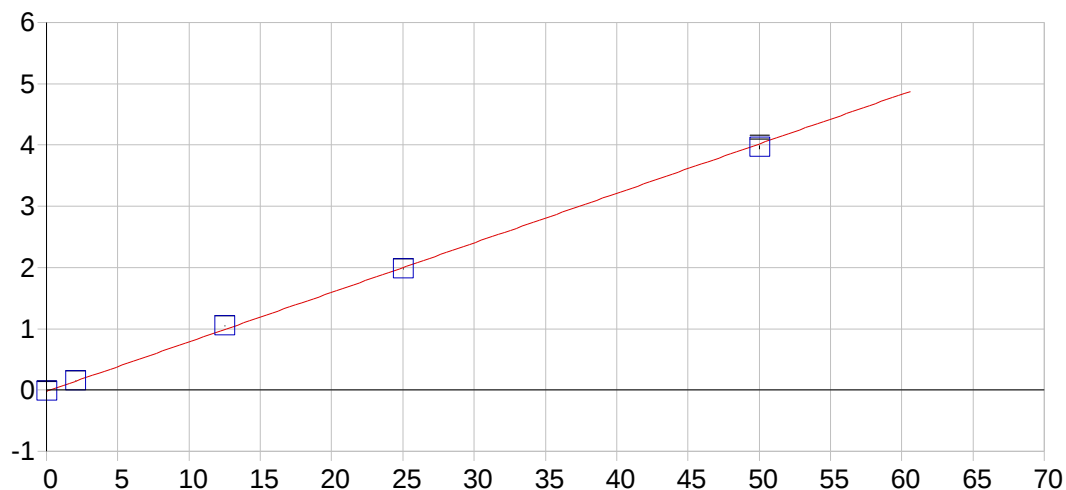


Zn 213.856 {458}

Date of Fit: 10/15/2018 17:48:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.152072 Re-Slope: 1.000000
 A1 (Gain): 100.035283 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999746 Status: OK.
 Std Error of Est: 0.054858
 Predicted MDL: 0.000089
 Predicted MQL: 0.000297

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.15128	.014	1
S1	.04000	.04686	.007	17.2	4.8663	.048	1
S3	1.2500	1.3071	.057	4.57	131.67	2.61	1
S4	2.5000	2.4613	-.039	-1.55	247.88	.152	1
S5	5.0000	4.9748	-.025	-.505	500.83	1.11	1



K 766.490 {44}

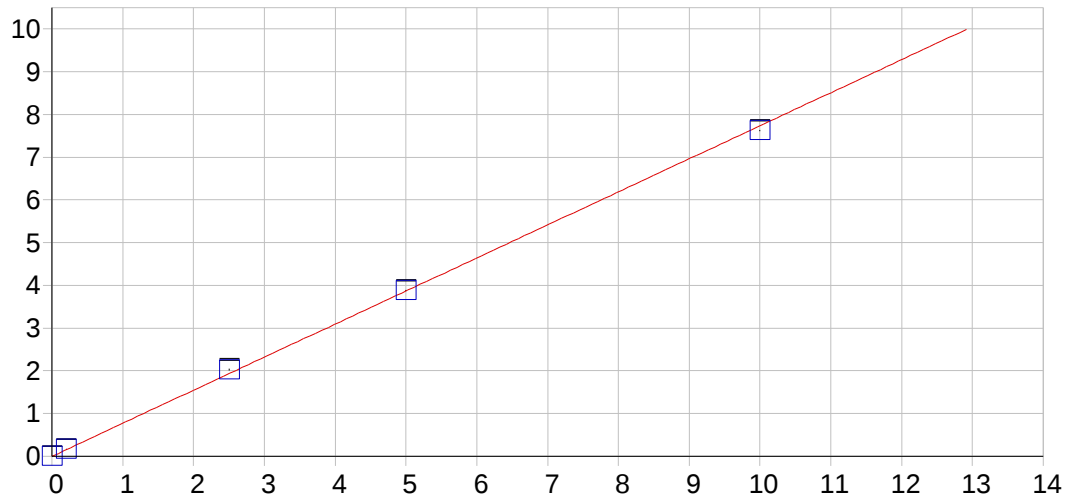
Date of Fit: 10/15/2018 17:48:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.021393 Re-Slope: 1.000000
 A1 (Gain): 0.080792 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999632
 Std Error of Est: 0.001197
 Predicted MDL: 0.039363
 Predicted MQL: 0.131209

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1265	.127	6.33	.15041	.002	1
S0	.00000	-.00020	-.000	.000	-.02141	.002	1
S3	12.500	13.267	.767	6.14	1.0505	.000	1
S4	25.000	24.759	-.241	-.965	1.9789	.003	1
S5	50.000	49.348	-.652	-1.30	3.9655	.033	1



Mo 202.030 {467}

Date of Fit: 10/15/2018 17:48:02

Type of Fit: Linear

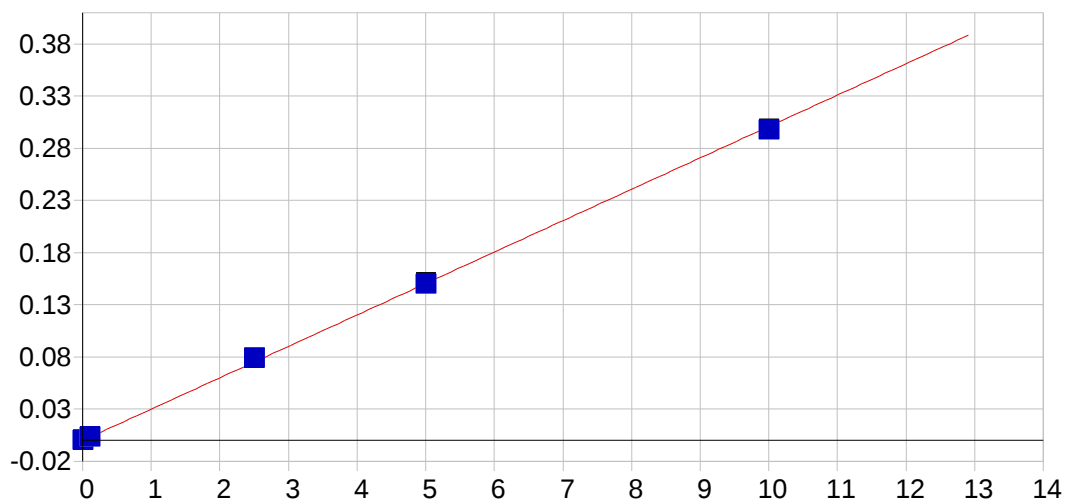
Weighting: 1/Conc

A0 (Offset): 0.000305
 A1 (Gain): 0.773616
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999733
 Std Error of Est: 0.001372
 Predicted MDL: 0.000318
 Predicted MQL: 0.001061

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00029	.000	1
S1	.20000	.21839	.018	9.20	.16926	.001	1
S3	2.5000	2.6169	.117	4.68	2.0248	.022	1
S4	5.0000	5.0144	.014	.288	3.8795	.009	1
S5	10.000	9.8503	-.150	-1.50	7.6207	.017	1

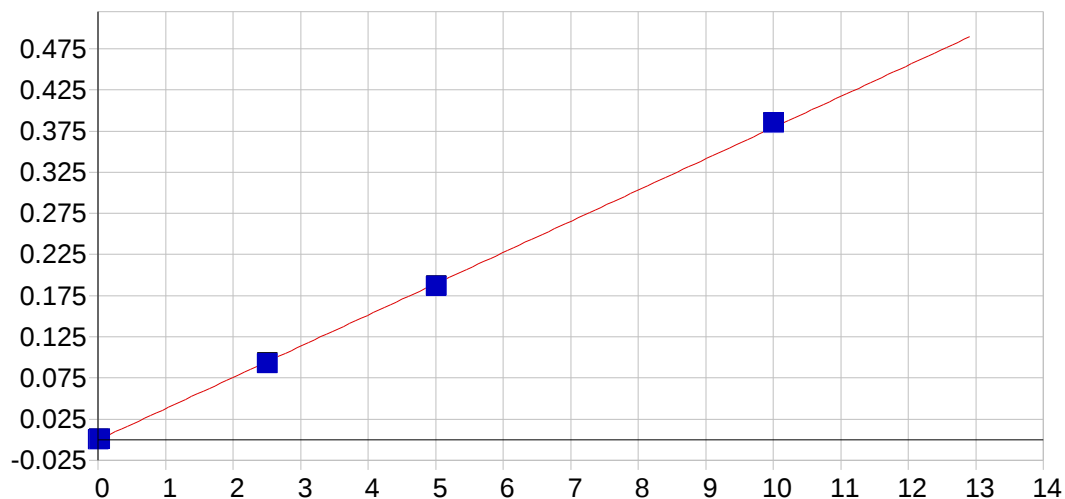


B 249.678 {135}

Date of Fit: 10/15/2018 17:48:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000034 Re-Slope: 1.000000
 A1 (Gain): 0.030092 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999796 Status: OK.
 Std Error of Est: 0.000033
 Predicted MDL: 0.011408
 Predicted MQL: 0.038027

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00003	.000	1
S1	.10000	.10476	.005	4.76	.00317	.000	1
S3	2.5000	2.6193	.119	4.77	.07868	.000	1
S4	5.0000	4.9840	-.016	-.320	.14966	.001	1
S5	10.000	9.8920	-.108	-1.08	.29700	.000	1



S 182.034 {485}

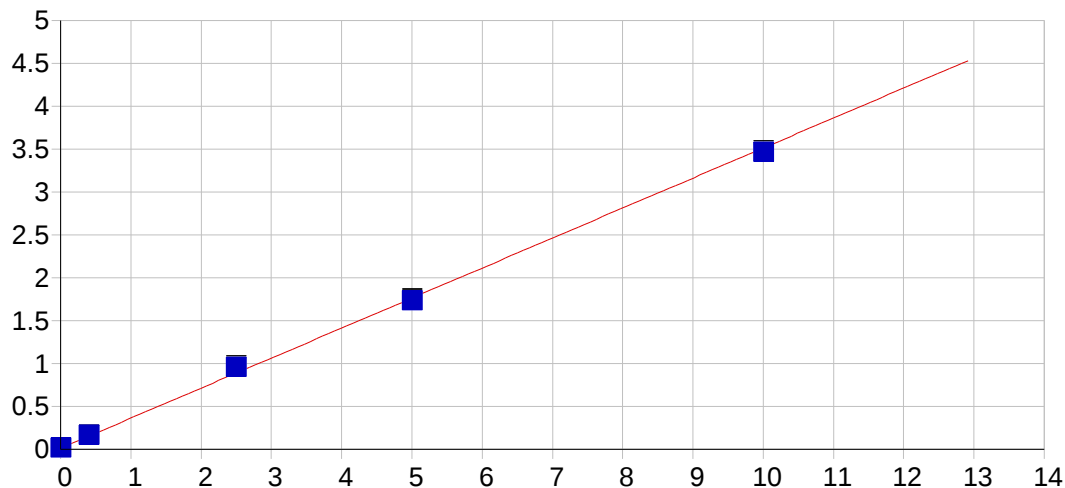
Date of Fit: 10/15/2018 17:48:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000226 Re-Slope: 1.000000
 A1 (Gain): 0.037927 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999853
 Std Error of Est: 0.000016
 Predicted MDL: 0.003683
 Predicted MQL: 0.012275

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00023	.000	1
S1	.02000	.01731	-.003	-13.5	.00041	.000	1
S3	2.5000	2.4422	-.058	-2.31	.09229	.001	1
S4	5.0000	4.9169	-.083	-1.66	.18604	.001	1
S5	10.000	10.144	.144	1.44	.38406	.000	1



Si 288.158 {117}

Date of Fit: 10/15/2018 17:48:02

Type of Fit: Linear

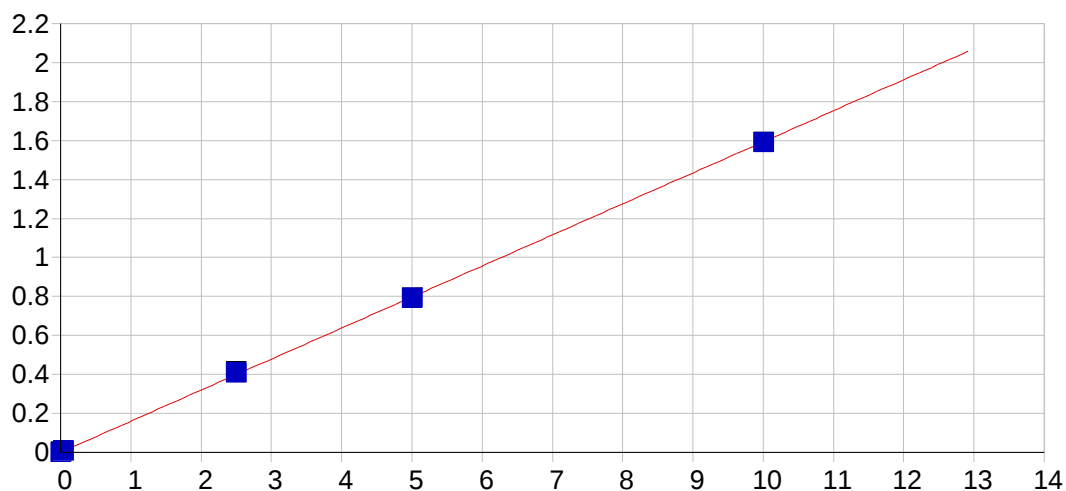
Weighting: 1/Conc

A0 (Offset): 0.013885
 A1 (Gain): 0.349913
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999402
 Std Error of Est: 0.001321
 Predicted MDL: 0.003137
 Predicted MQL: 0.010457

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	.01387	.001	1
S1	.40000	.42752	.028	6.88	.16336	.001	1
S3	2.5000	2.7003	.200	8.01	.95828	.011	1
S4	5.0000	4.9187	-.081	-1.63	1.7341	.016	1
S5	10.000	9.8535	-.146	-1.46	3.4599	.017	1

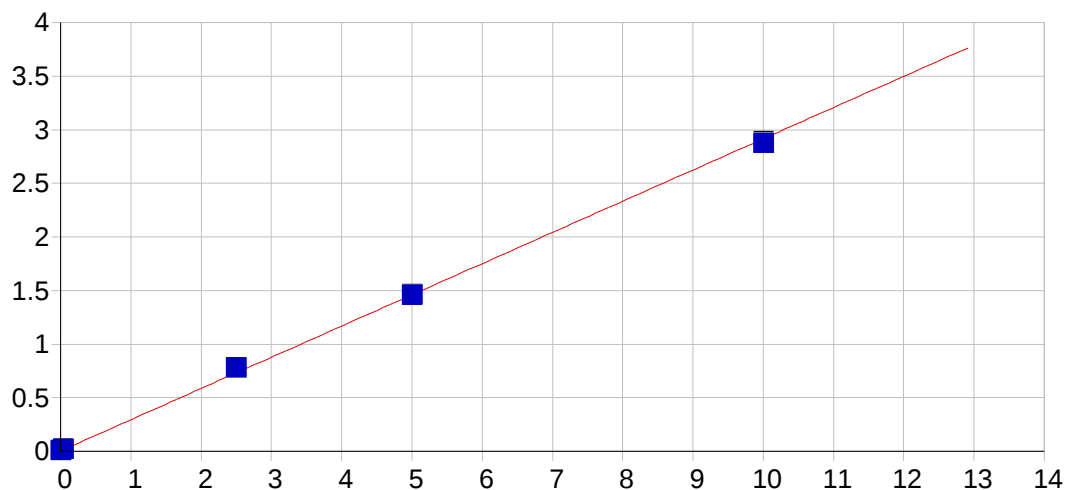


Sn 189.989 {477}

Date of Fit: 10/15/2018 17:48:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000847 Re-Slope: 1.000000
 A1 (Gain): 0.159262 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999946 Status: OK.
 Std Error of Est: 0.000057
 Predicted MDL: 0.000886
 Predicted MQL: 0.002953

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00085	.000	1
S1	.04000	.04358	.004	8.96	.00779	.000	1
S3	2.5000	2.5572	.057	2.29	.40817	.006	1
S4	5.0000	4.9718	-.028	-.564	.79281	.000	1
S5	10.000	9.9675	-.033	-.325	1.5886	.000	1



Ti 336.121 {100}

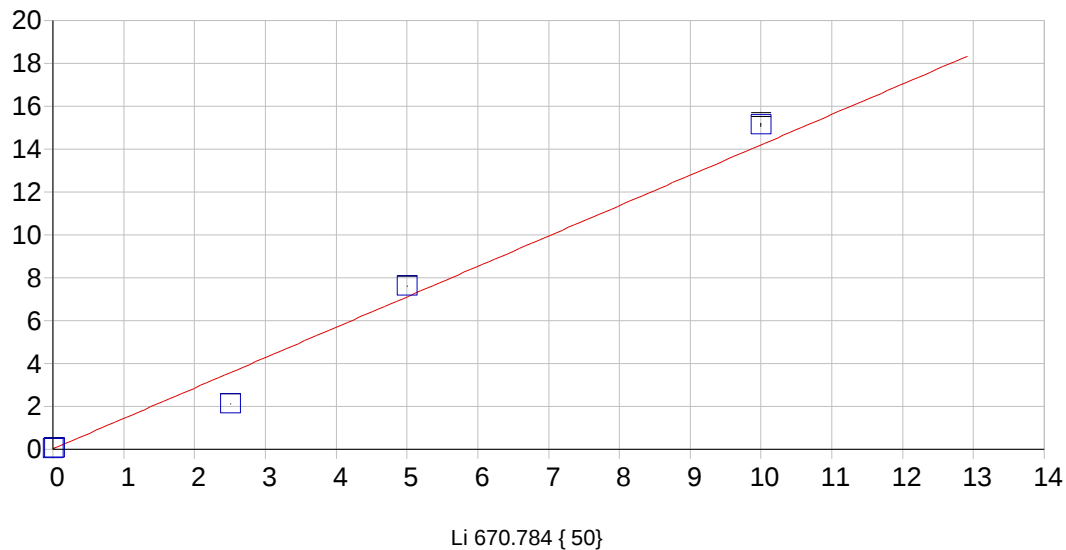
Date of Fit: 10/15/2018 17:48:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003583 Re-Slope: 1.000000
 A1 (Gain): 0.291191 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999676
 Std Error of Est: 0.000253
 Predicted MDL: 0.002237
 Predicted MQL: 0.007456

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00358	.000	1
S1	.04000	.04557	.006	13.9	.01685	.000	1
S3	2.5000	2.6464	.146	5.85	.77408	.003	1
S4	5.0000	4.9898	-.010	-.203	1.4564	.003	1
S5	10.000	9.8582	-.142	-1.42	2.8738	.013	1



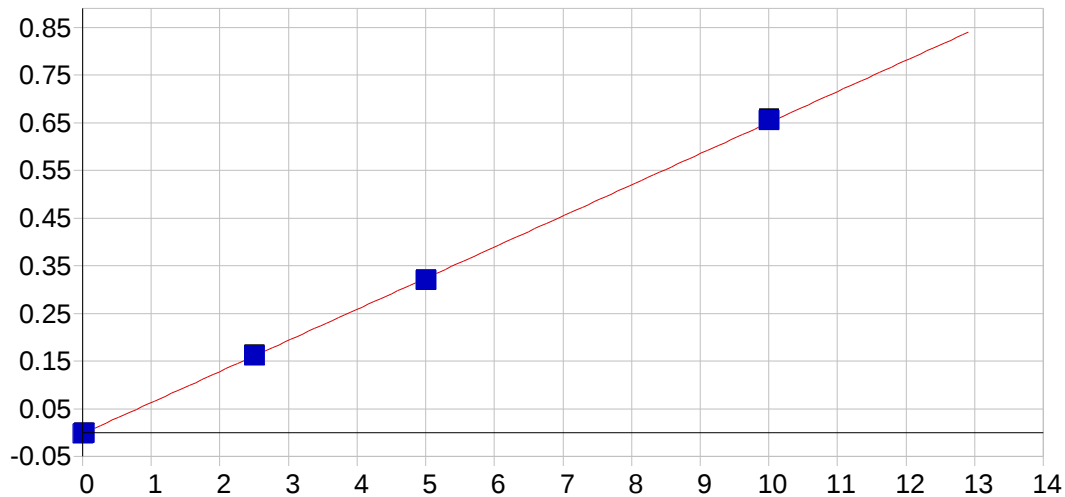
Date of Fit: 10/15/2018 17:48:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.021971
 A1 (Gain): 1.417849
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.986261
 Std Error of Est: 0.005736
 Predicted MDL: 0.002123
 Predicted MQL: 0.007078

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	.02197	.001	1
S1	.02000	.02370	.004	18.5	.05557	.000	1
S3	2.5000	1.4740	-1.03	-41.0	2.1119	.002	1
S4	5.0000	5.3591	.359	7.18	7.6204	.006	1
S5	10.000	10.663	.663	6.63	15.141	.098	1

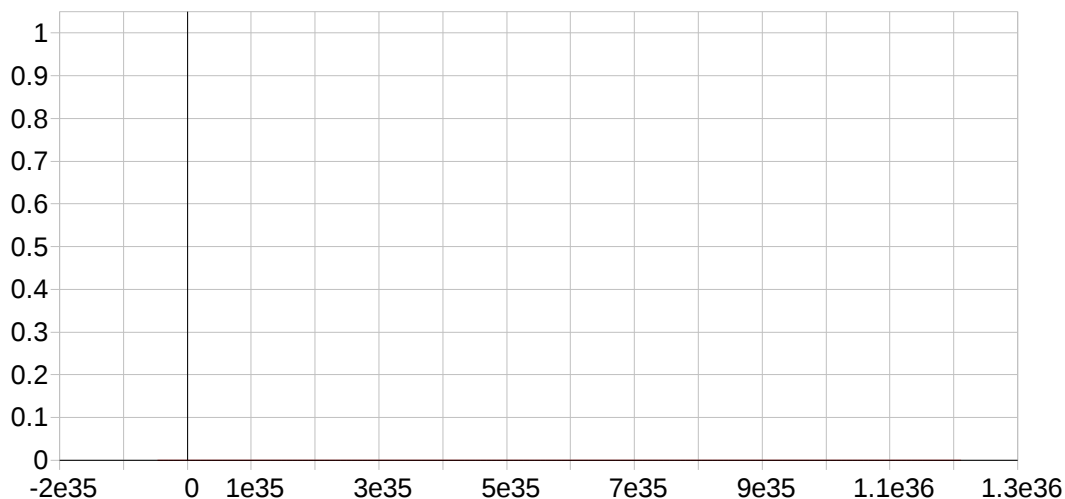


P 177.495 {490}

Date of Fit: 10/15/2018 17:48:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002381 Re-Slope: 1.000000
 A1 (Gain): 0.065266 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.002089
 Predicted MQL: 0.006964

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00238	.000	1
S1	.02000	.01746	-.003	-12.7	-.00125	.000	1
S3	2.5000	2.4933	-.007	-.267	.16011	.002	1
S4	5.0000	4.9362	-.064	-1.28	.31931	.001	1
S5	10.000	10.073	.073	.731	.65410	.002	1



Y 224.306 {450}*

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

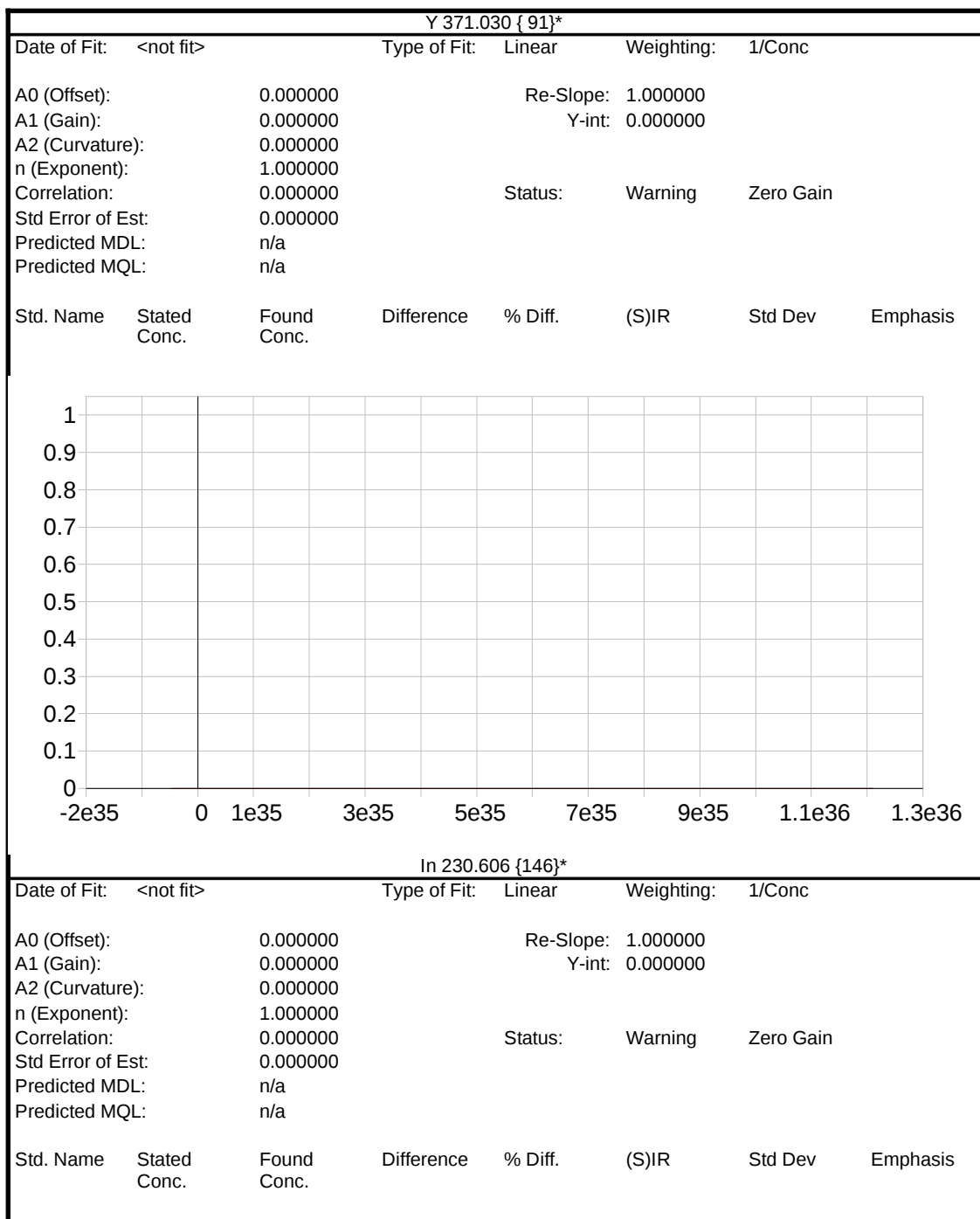
A0 (Offset): 0.000000 Re-Slope: 1.000000
 A1 (Gain): 0.000000 Y-int: 0.000000

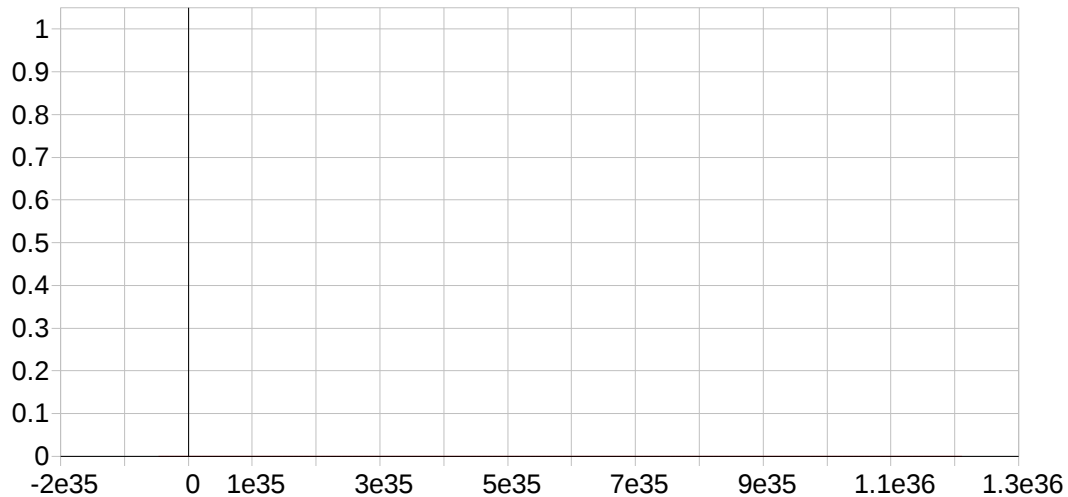
Status: Warning Zero Gain

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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Re-Slope: 1.000000
Y-int: 0.000000

Status: Warning Zero Gain





In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

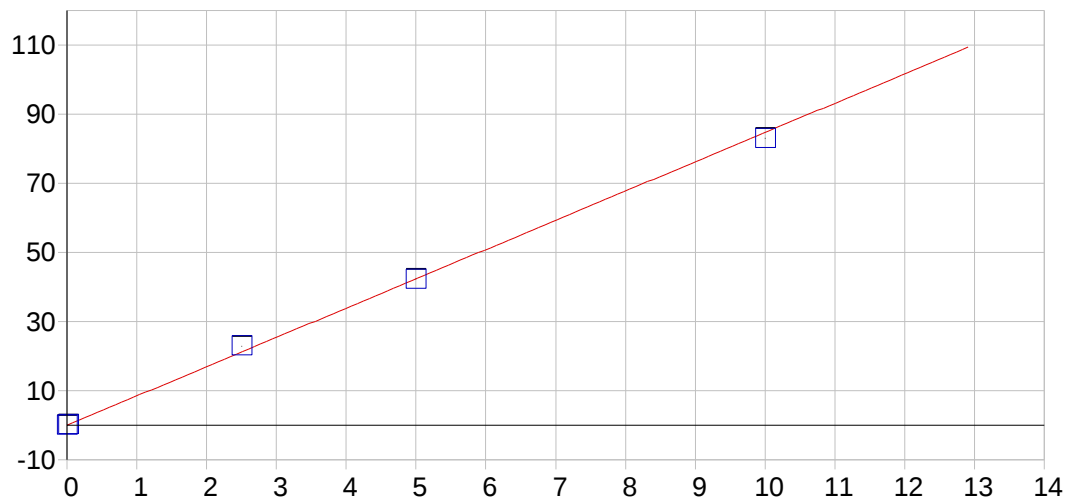
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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

Date of Fit: 10/15/2018 17:48:02

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.005641

Re-Slope: 1.000000

A1 (Gain): 8.470141

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999401

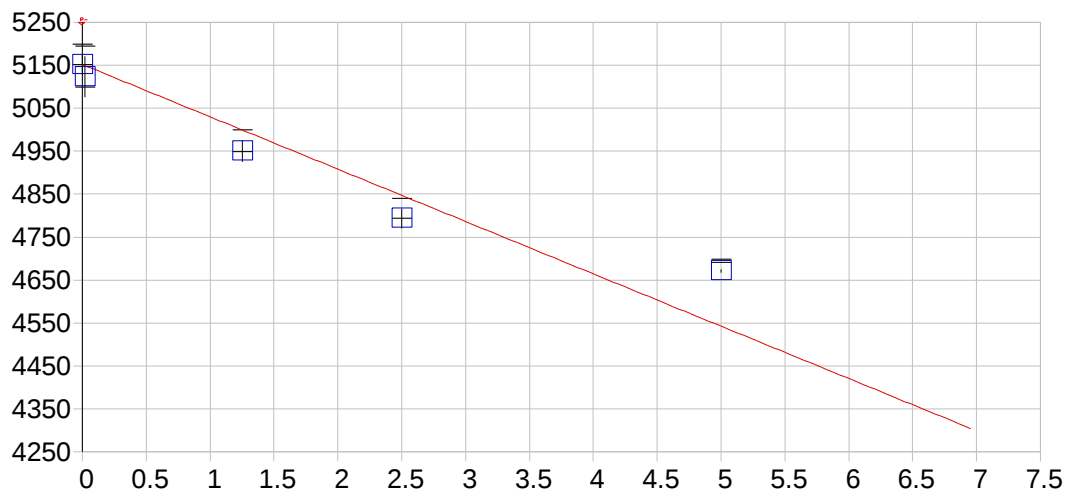
Status: OK.

Std Error of Est: 0.007084

Predicted MDL: 0.000136

Predicted MQL: 0.000452

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00567	.000	1
S1	.02000	.02175	.002	8.77	.17862	.001	1
S3	2.5000	2.7053	.205	8.21	22.909	.121	1
S4	5.0000	4.9925	-.007	-.149	42.282	.069	1
S5	10.000	9.8004	-.200	-2.00	83.005	.120	1

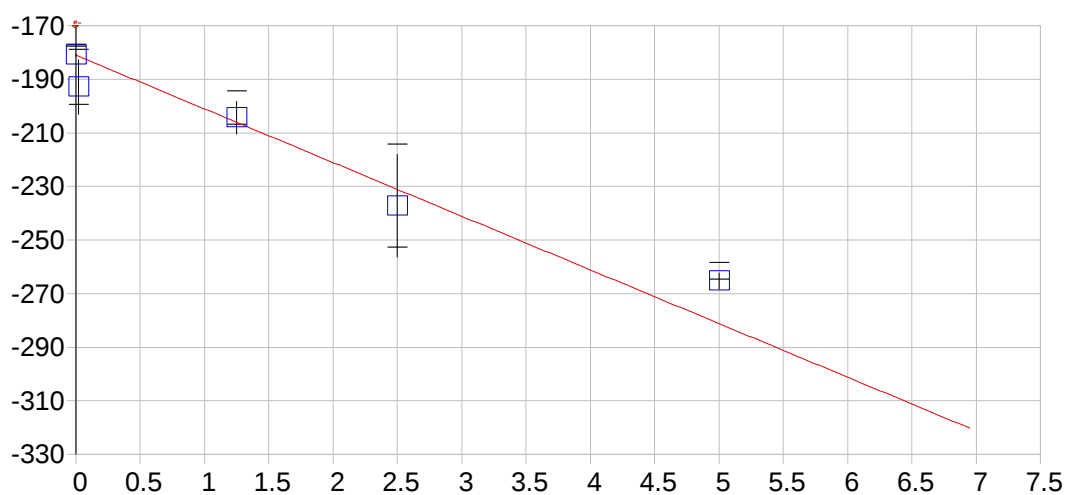


U 367.007 { 92}

Date of Fit: 10/15/2018 17:48:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 5151.937115 Re-Slope: 1.000000
A1 (Gain): -121.899674 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.873937 Status: Warning Negative Gain
Std Error of Est: 1.158515
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00022	-.000	.000	5152.0	24.0	1
S1	.02000	.23347	.213	1070.	5123.5	47.8	1
S3	1.2500	1.6542	.404	32.3	4950.3	25.7	1
S4	2.5000	2.9396	.440	17.6	4793.6	23.4	1
S5	5.0000	3.9427	-1.06	-21.1	4671.3	4.07	1



U 385.958 { 87}

Date of Fit: 10/15/2018 17:48:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -181.073229

Re-Slope: 1.000000

A1 (Gain): -20.018491

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.589130

Status: Warning Negative Gain

Std Error of Est: 0.469202

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00057	-.001	.000	-181.06	.421	1
S1	.02000	.59119	.571	2860.	-192.91	10.3	1
S3	1.2500	1.1660	-.084	-6.72	-204.41	6.26	1
S4	2.5000	2.8057	.306	12.2	-237.24	19.2	1
S5	5.0000	4.2071	-.793	-15.9	-265.29	3.04	1

Sample Name: S0 Acquired: 10/15/2018 14:16:22 Type: Cal
Method: P4-ICP2(v2498) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00000	-.00020	.00391	-.00034	.00045	-.00005	.06834	.00016
Stddev	.00000	.00010	.00011	.00006	.00003	.00002	.00299	.00000
%RSD	41.676	49.388	2.7875	18.596	5.8512	49.250	4.3716	1.5528
#1	.00000	-.00013	.00399	-.00030	.00046	-.00003	.06623	.00016
#2	.00000	-.00026	.00383	-.00039	.00043	-.00006	.07046	.00016
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	-.00096	-.00004	-.00001	-.00013	.00013	-.01818	.00014	-.00019
Stddev	.00010	.00024	.00002	.00004	.00026	.00445	.00007	.00035
%RSD	9.9598	661.56	165.00	26.211	197.61	24.486	50.230	180.63
#1	-.00090	-.00020	-.00002	-.00011	-.00005	-.01503	.00019	.00005
#2	-.00103	.00013	.00000	-.00016	.00032	-.02132	.00009	-.00044
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	-.00478	.00009	.01589	-.00010	.15128	-.02141	.00029	.00003
Stddev	.00001	.00002	.00031	.00003	.01404	.00225	.00011	.00009
%RSD	.13512	25.666	1.9385	25.676	9.2832	10.490	39.616	276.48
#1	-.00478	.00011	.01568	-.00012	.16122	-.01982	.00021	-.00003
#2	-.00479	.00007	.01611	-.00008	.14135	-.02300	.00036	.00010
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	-.00023	.01387	.00085	.00358	.02197	-.0024	-.00567	5152.0
Stddev	.00003	.00078	.00001	.00030	.00147	.0000	.00005	24.0
%RSD	12.150	5.6444	.87257	8.4619	6.6973	.6148	.81158	.46640
#1	-.00025	.01442	.00084	.00380	.02301	-.0024	-.00570	5135.0
#2	-.00021	.01331	.00085	.00337	.02093	-.0024	-.00563	5169.0

Sample Name: S0 Acquired: 10/15/2018 14:16:22 Type: Cal
Method: P4-ICP2(v2498) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-181.06
Stddev	.42
%RSD	.23275

#1	-180.76
#2	-181.36

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3279.9	65431.	4427.9	99.367	4127.4
Stddev	3.2	66.	82.1	.955	2.3
%RSD	.09865	.10055	1.8545	.96068	.05452

#1	3277.6	65385.	4369.8	98.692	4129.0
#2	3282.2	65478.	4486.0	100.04	4125.8

Sample Name: S1 Acquired: 10/15/2018 14:20:25 Type: Cal
Method: P4-ICP2(v2498) 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	.00147	.00423	.00757	.00094	.01001	.00061	.59201	.00420
Stddev	.00012	.00002	.00011	.00027	.00013	.00002	.00375	.00001
%RSD	7.8366	.44952	1.4484	28.302	1.3014	3.9699	.63377	.16495

#1	.00155	.00424	.00765	.00075	.00992	.00060	.59466	.00420
#2	.00139	.00422	.00749	.00113	.01010	.00063	.58936	.00419

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	.01903	.00117	.03865	.01429	.11560	.02078	.01916	.00209
Stddev	.00007	.00004	.00030	.00019	.00631	.00002	.00011	.00010
%RSD	.36107	3.1502	.77894	1.3051	5.4595	.10993	.59060	4.7270

#1	.01908	.00115	.03843	.01442	.12006	.02076	.01908	.00202
#2	.01898	.00120	.03886	.01416	.11114	.02080	.01924	.00216

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	.00636	4.8663	.16926	.00317	.00041	.16336	.00779	.01685
Stddev	.00002	.0477	.00102	.00005	.00011	.00133	.00013	.00039
%RSD	.35426	.98022	.60185	1.6082	27.683	.81561	1.6595	2.3148

#1	.00638	4.9000	.16854	.00314	.00033	.16242	.00770	.01712
#2	.00635	4.8326	.16998	.00321	.00049	.16430	.00788	.01657

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05557	-.0012	.17862	5123.5	-192.91
Stddev	.00008	.0001	.00116	47.8	10.26
%RSD	.15002	5.315	.64692	.93283	5.3165

#1	.05563	-.0012	.17944	5089.7	-200.16
#2	.05551	-.0013	.17781	5157.3	-185.66

Sample Name: S1 Acquired: 10/15/2018 14:20:25 Type: Cal
Method: P4-ICP2(v2498) 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	3259.4	65521.	4457.4	98.746	4090.2
Stddev	14.1	205.	.7	.854	50.0
%RSD	.43183	.31251	.01637	.86527	1.2216
#1	3269.4	65376.	4456.9	98.142	4125.5
#2	3249.5	65666.	4458.0	99.350	4054.8

Sample Name: S2 Acquired: 10/15/2018 14:24:29 Type: Cal
Method: P4-ICP2(v2498) 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	.09135	.02029	.46045	.15041
Stddev	.00004	.00020	.00364	.00154
%RSD	.04292	1.0074	.79144	1.0209

#1	.09138	.02044	.45788	.14933
#2	.09133	.02015	.46303	.15150

Int. Std.	Y_3710
Units	Cts/S
Avg	4526.5
Stddev	14.1
%RSD	.31063

#1	4516.5
#2	4536.4

Sample Name: S3 Acquired: 10/15/2018 14:28:25 Type: Cal
Method: P4-ICP2(v2498) 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	.17290	.24823	.72130	.15464	.43924	.02891	24.935	.08244
Stddev	.00218	.00362	.00865	.00130	.00485	.00008	.120	.00016
%RSD	1.2598	1.4588	1.1998	.84155	1.1035	.28019	.48304	.18890
#1	.17136	.24567	.71518	.15372	.43581	.02897	24.850	.08255
#2	.17444	.25079	.72742	.15556	.44267	.02885	25.020	.08233
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	3.9989	.54012	.06010	1.4538	.42064	3.3317	1.1652	.12552
Stddev	.0502	.00507	.00007	.0185	.00534	.0276	.0021	.00027
%RSD	1.2556	.93818	.12260	1.2719	1.2691	.82759	.17698	.21815
#1	3.9634	.53654	.06004	1.4407	.41686	3.3122	1.1638	.12532
#2	4.0344	.54371	.06015	1.4668	.42441	3.3512	1.1667	.12571
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	.67402	.12620	2.7132	.18189	131.67	1.0505	2.0248	.07868
Stddev	.00781	.00011	.0043	.00003	2.61	.0005	.0216	.00014
%RSD	1.1587	.08746	.15771	.01450	1.9849	.04635	1.0654	.18041
#1	.66850	.12628	2.7102	.18187	129.82	1.0508	2.0095	.07858
#2	.67954	.12612	2.7162	.18191	133.51	1.0501	2.0400	.07878
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	.09229	.95828	.40817	.77408	2.1119	.1601	22.909	4950.3
Stddev	.00101	.01143	.00617	.00268	.0019	.0022	.121	25.7
%RSD	1.0928	1.1925	1.5123	.34660	.09117	1.346	.52891	.51817
#1	.09158	.95020	.40381	.77219	2.1105	.1586	22.823	4932.2
#2	.09301	.96636	.41254	.77598	2.1133	.1616	22.994	4968.4

Sample Name: S3 Acquired: 10/15/2018 14:28:25 Type: Cal
Method: P4-ICP2(v2498) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-204.41
Stddev	6.26
%RSD	3.0613

#1	-208.84
#2	-199.99

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3234.9	63635.	4495.6	99.123	3871.5
Stddev	27.1	81.	29.8	1.805	40.5
%RSD	.83794	.12697	.66298	1.8208	1.0464

#1	3254.0	63578.	4516.7	100.40	3900.2
#2	3215.7	63692.	4474.6	97.847	3842.9

Sample Name: S4 Acquired: 10/15/2018 14:32:11 Type: Cal
Method: P4-ICP2(v2498) 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	.34436	.49303	1.4302	.30734	.84748	.05450	46.399	.15474
Stddev	.00168	.00096	.0002	.00021	.00303	.00046	.074	.00034
%RSD	.48747	.19448	.01293	.06929	.35700	.84860	.15900	.21820

#1	.34317	.49371	1.4303	.30718	.84534	.05482	46.346	.15498
#2	.34555	.49235	1.4301	.30749	.84962	.05417	46.451	.15451

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.0307	1.0025	.11235	2.8211	.79356	6.3800	2.1653	.23460
Stddev	.0010	.0005	.00009	.0040	.00166	.0170	.0002	.00211
%RSD	.01202	.04791	.07586	.14122	.20963	.26706	.00750	.89742

#1	8.0314	1.0028	.11229	2.8240	.79238	6.3679	2.1652	.23311
#2	8.0300	1.0021	.11241	2.8183	.79474	6.3920	2.1655	.23609

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	1.3086	.23555	5.0390	.34223	247.88	1.9789	3.8795	.14966
Stddev	.0017	.00057	.0118	.00023	.15	.0027	.0086	.00100
%RSD	.12649	.24246	.23339	.06624	.06117	.13452	.22164	.66694

#1	1.3098	.23596	5.0307	.34239	247.77	1.9808	3.8734	.15036
#2	1.3075	.23515	5.0474	.34207	247.99	1.9770	3.8856	.14895

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	.18604	1.7341	.79281	1.4564	7.6204	.3193	42.282	4793.6
Stddev	.00053	.0158	.00006	.0033	.0063	.0012	.069	23.4
%RSD	.28426	.91207	.00702	.22558	.08271	.3725	.16206	.48842

#1	.18642	1.7229	.79277	1.4541	7.6159	.3201	42.233	4810.2
#2	.18567	1.7453	.79285	1.4587	7.6248	.3185	42.330	4777.0

Sample Name: S4 Acquired: 10/15/2018 14:32:11 Type: Cal
Method: P4-ICP2(v2498) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-237.24
Stddev	19.25
%RSD	8.1129

#1	-250.85
#2	-223.63

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3122.0	62596.	4465.6	95.764	3647.9
Stddev	1.3	316.	4.0	.114	11.6
%RSD	.04255	.50557	.08996	.11898	.31834

#1	3122.9	62372.	4468.4	95.683	3639.7
#2	3121.1	62819.	4462.8	95.844	3656.1

Sample Name: S5 Acquired: 10/15/2018 14:35:58 Type: Cal
Method: P4-ICP2(v2498) 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	.68165	.97263	2.8511	.60789	1.6761	.10866	91.121	.30551
Stddev	.00195	.00103	.0030	.00081	.0021	.00017	.049	.00127
%RSD	.28667	.10573	.10546	.13396	.12731	.15730	.05327	.41559

#1	.68027	.97336	2.8490	.60732	1.6746	.10854	91.087	.30640
#2	.68303	.97190	2.8532	.60847	1.6776	.10878	91.156	.30461

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	16.077	1.9663	.22035	5.6678	1.5413	13.168	4.2258	.46471
Stddev	.027	.0160	.00049	.0069	.0040	.028	.0070	.00162
%RSD	.16772	.81231	.22312	.12159	.26109	.21178	.16558	.34897

#1	16.058	1.9550	.22070	5.6630	1.5385	13.188	4.2308	.46356
#2	16.096	1.9776	.22001	5.6727	1.5442	13.149	4.2209	.46585

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	2.6170	.47124	10.060	.67911	500.83	3.9655	7.6207	.29700
Stddev	.0027	.00089	.057	.00040	1.11	.0335	.0167	.00040
%RSD	.10412	.18941	.56295	.05947	.22105	.84388	.21858	.13469

#1	2.6151	.47187	10.020	.67940	501.61	3.9418	7.6089	.29671
#2	2.6189	.47061	10.100	.67883	500.04	3.9892	7.6325	.29728

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	.38406	3.4599	1.5886	2.8738	15.141	.6541	83.005	4671.3
Stddev	.00031	.0169	.0002	.0125	.098	.0023	.120	4.1
%RSD	.08113	.48920	.01480	.43631	.64511	.3517	.14432	.08710

#1	.38428	3.4479	1.5887	2.8650	15.072	.6557	82.921	4674.2
#2	.38384	3.4719	1.5884	2.8827	15.210	.6525	83.090	4668.4

Sample Name: S5 Acquired: 10/15/2018 14:35:58 Type: Cal
Method: P4-ICP2(v2498) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-265.29
Stddev	3.04
%RSD	1.1440

#1	-267.44
#2	-263.15

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3092.2	61879.	4453.3	91.536	3502.6
Stddev	3.6	146.	11.9	.302	4.5
%RSD	.11729	.23561	.26746	.32999	.12851

#1	3094.7	61776.	4461.7	91.322	3499.4
#2	3089.6	61982.	4444.9	91.750	3505.8

Sample Name: ICV01 Acquired: 10/15/2018 14:39:52 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0105	1.0271	1.0040	1.0186	.99695	2.6390	.52403	.49728
Stddev	.0085	.0061	.0062	.0105	.00562	.0095	.00021	.00246
%RSD	.83768	.59377	.61788	1.0352	.56376	.36139	.03997	.49534
#1	1.0045	1.0228	.99960	1.0112	.99297	2.6457	.52388	.49554
#2	1.0164	1.0314	1.0084	1.0261	1.0009	2.6322	.52418	.49902
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48917	10.625	.50991	.49810	.50009	5.2931	.52496	6.3180
Stddev	.00056	.091	.00358	.00179	.00427	.0077	.00186	.0072
%RSD	.11408	.85975	.70156	.35987	.85351	.14487	.35439	.11364
#1	.48878	10.690	.50738	.49683	.49707	5.2986	.52365	6.3231
#2	.48957	10.560	.51244	.49937	.50311	5.2877	.52628	6.3130
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50121	.51166	10.336	.50900	1.0315	10.386	F 3.5340	F 3.5662
Stddev	.00135	.00003	.047	.00153	.0011	.025	.0144	.0113
%RSD	.26890	.00524	.45318	.30149	.10855	.23821	.40739	.31549
#1	.50026	.51168	10.303	.50791	1.0322	10.403	3.5238	3.5583
#2	.50217	.51164	10.370	.51008	1.0307	10.368	3.5442	3.5742
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.1896	F 3.4558	F 3.4159	F 3.6237	F .00425	F 2.203	F .01247	F .51321
Stddev	.0078	.0270	.0167	.0056	.00004	.007	.00005	.03081
%RSD	.35573	.78026	.48891	.15304	1.0015	.3102	.38768	6.0041
#1	2.1841	3.4368	3.4041	3.6277	.00428	2.199	.01251	.49142
#2	2.1951	3.4749	3.4277	3.6198	.00422	2.208	.01244	.53500

Sample Name: ICV01 Acquired: 10/15/2018 14:39:52 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.6743
Stddev	.2432
%RSD	14.526

#1	1.8462
#2	1.5023

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3300.7	65802.	4565.1	99.561	4034.7
Stddev	13.1	79.	5.9	.287	1.0
%RSD	.39645	.12059	.12999	.28818	.02600

#1	3309.9	65858.	4569.3	99.358	4035.4
#2	3291.4	65746.	4560.9	99.764	4033.9

Sample Name: LLICV01 Acquired: 10/15/2018 15:03:09 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02157	.04672	.00987	.02013	.05779	.11032	.11238
Stddev	.00054	.00133	.00015	.00040	.00154	.00112	.00131
%RSD	2.5265	2.8443	1.4998	1.9952	2.6590	1.0164	1.1639

#1	.02196	.04766	.00997	.01985	.05670	.10953	.11331
#2	.02118	.04578	.00976	.02041	.05887	.11111	.11146

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00651	.00618	2.2225	.01036	.03417	.02214	.10089
Stddev	.00002	.00004	.0120	.00062	.00026	.00035	.00148
%RSD	.29328	.62465	.53963	5.9791	.76213	1.5954	1.4661

#1	.00649	.00621	2.2310	.01080	.03435	.02239	.09984
#2	.00652	.00616	2.2140	.00992	.03398	.02189	.10193

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02366	2.3150	.04466	.01102	2.2244	.04694	.04479
Stddev	.00011	.0486	.00017	.00080	.0070	.00005	.00212
%RSD	.45908	2.0989	.36955	7.2313	.31610	.10228	4.7390

#1	.02373	2.2806	.04455	.01159	2.2294	.04698	.04329
#2	.02358	2.3493	.04478	.01046	2.2194	.04691	.04630

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1467	.21708	.11169	.01855	.42715	.04281	.04350
Stddev	.0136	.00043	.01040	.00161	.00125	.00156	.00056
%RSD	.63252	.19938	9.3158	8.6819	.29379	3.6440	1.2802

#1	2.1563	.21677	.10433	.01969	.42804	.04391	.04310
#2	2.1371	.21738	.11905	.01741	.42627	.04170	.04389

Sample Name: LLICV01 Acquired: 10/15/2018 15:03:09 Type: Unk
 Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .02436	.0177	.02150	F<.00000	F .47824
Stddev	.00177	.0001	.00006	.52905	.57335
%RSD	7.2549	.8180	.26172	465.78	119.89

#1	.02560	.0178	.02146	-.48768	.88366
#2	.02311	.0176	.02154	.26051	.07282

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3262.4	66345.	4545.9	102.60	4128.9
Stddev	4.1	82.	7.8	4.59	10.1
%RSD	.12674	.12324	.17110	4.4742	.24479

#1	3265.3	66403.	4551.4	105.84	4121.8
#2	3259.5	66287.	4540.4	99.350	4136.1

Sample Name: ICB01 Acquired: 10/15/2018 15:08:46 Type: Unk
Method: P4-ICP2(v2498) 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	-.00291	-.00104	-.00313	-.00108	-.00049	.00393	-.00148
Stddev	.00091	.00152	.00020	.00286	.00049	.00532	.00076
%RSD	31.371	146.47	6.3341	263.41	99.340	135.38	51.186

#1	-.00226	-.00211	-.00299	-.00311	-.00015	.00769	-.00202
#2	-.00355	.00004	-.00327	.00094	-.00084	.00017	-.00095

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00011	.03208	-.00055	.00012	-.00099	-.00371
Stddev	.00002	.00004	.02084	.00002	.00000	.00027	.00546
%RSD	94.287	36.906	64.962	2.9346	2.0035	26.999	147.42

#1	.00004	.00013	.04681	-.00054	.00012	-.00118	.00016
#2	.00001	.00008	.01734	-.00056	.00011	-.00080	-.00757

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.03163	-.00014	-.00007	-.01468	.00027	-.00052
Stddev	.00003	.04169	.00043	.00008	.00812	.00012	.00006
%RSD	52.658	131.80	297.79	106.67	55.307	45.350	11.812

#1	.00008	-.06110	.00016	-.00013	-.00894	.00019	-.00047
#2	.00004	-.00215	-.00045	-.00002	-.02043	.00036	-.00056

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01293	.00003	.01608	-.00323	-.00010	-.00125	-.00166
Stddev	.00092	.00027	.00413	.00226	.00046	.00035	.00096
%RSD	7.1072	1015.1	25.695	69.998	464.58	27.928	58.306

#1	-.01358	.00022	.01316	-.00483	-.00042	-.00150	-.00234
#2	-.01228	-.00016	.01900	-.00163	.00022	-.00100	-.00097

Sample Name: ICB01 Acquired: 10/15/2018 15:08:46 Type: Unk
Method: P4-ICP2(v2498) 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	.00102	-.0016	-.00007	F<.00000	F<.00000
Stddev	.00192	.0008	.00003	.57491	.81170
%RSD	187.71	52.69	46.000	90.203	1133.5
#1	-.00033	-.0010	-.00009	-1.0439	.50235
#2	.00238	-.0022	-.00005	-.23083	-.64556
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3288.4	67197.	4588.3	102.91	4141.7
Stddev	12.4	1066.	22.5	1.43	11.1
%RSD	.37731	1.5862	.49112	1.3857	.26831
#1	3279.7	67951.	4572.4	103.92	4133.9
#2	3297.2	66443.	4604.2	101.90	4149.6

Sample Name: CRI01 Acquired: 10/15/2018 15:12:48 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02012	.04669	.00969	.02382	.05563	.10162	.11119	.00639
Stddev	.00114	.00044	.00088	.00628	.00021	.00553	.00031	.00005
%RSD	5.6779	.94127	9.0740	26.347	.38475	5.4371	.27615	.73666
#1	.02092	.04638	.01032	.02826	.05578	.09772	.11141	.00635
#2	.01931	.04700	.00907	.01938	.05548	.10553	.11097	.00642
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00611	2.2034	.01041	.03363	.02231	.09990	.02321	2.2427
Stddev	.00008	.0111	.00028	.00032	.00004	.00701	.00000	.0210
%RSD	1.3676	.50366	2.7232	.93769	.17219	7.0124	.00110	.93433
#1	.00617	2.2113	.01061	.03385	.02228	.09495	.02321	2.2279
#2	.00605	2.1956	.01021	.03340	.02234	.10486	.02321	2.2575
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04485	.01077	2.2129	.04597	.04351	2.1861	.21579	.11674
Stddev	.00031	.00047	.0043	.00001	.00028	.0198	.00068	.01182
%RSD	.68541	4.3865	.19414	.03219	.63455	.90518	.31390	10.129
#1	.04507	.01111	2.2160	.04596	.04371	2.2001	.21627	.12510
#2	.04463	.01044	2.2099	.04598	.04332	2.1721	.21531	.10838
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01570	.41855	.04225	.04243	.02242	.0181	.02143	F .23446
Stddev	.00301	.00004	.00010	.00096	.00010	.0007	.00016	.03066
%RSD	19.191	.01025	.24417	2.2689	.44881	3.967	.75860	13.078
#1	.01357	.41852	.04232	.04175	.02235	.0176	.02154	.21278
#2	.01784	.41858	.04218	.04311	.02249	.0186	.02131	.25614

Sample Name: CRI01 Acquired: 10/15/2018 15:12:48 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .81293
Stddev .34706
%RSD 42.692

#1 1.0583
#2 .56752

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3286.7	66457.	4553.6	104.65	4142.3
Stddev	8.3	9.	13.7	.15	20.1
%RSD	.25221	.01426	.30048	.14077	.48557

#1	3280.8	66450.	4543.9	104.54	4128.1
#2	3292.6	66463.	4563.2	104.75	4156.5

Sample Name: ICSA01 Acquired: 10/15/2018 15:16:51 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00186	-.00650	-.00293	-.00482	.00612	275.11	.00436	-.00126
Stddev	.00115	.00033	.00103	.00477	.00167	.05	.00113	.00002
%RSD	61.866	5.0509	35.316	98.856	27.277	.01732	25.811	1.3890
#1	-.00268	-.00673	-.00220	-.00819	.00494	275.15	.00516	-.00127
#2	-.00105	-.00627	-.00366	-.00145	.00730	275.08	.00356	-.00125
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	251.79	.05430	-.00059	.00337	99.044	.01535	262.48
Stddev	.00057	.12	.00031	.00003	.00157	3.716	.00006	.24
%RSD	197.71	.04652	.56942	5.8128	46.409	3.7519	.39753	.09089
#1	.00069	251.88	.05451	-.00057	.00448	96.416	.01540	262.65
#2	-.00012	251.71	.05408	-.00062	.00227	101.67	.01531	262.31
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00407	.00139	.05425	.00198	-.00082	.03588	-.00090	.01921
Stddev	.00015	.00092	.01063	.00018	.00012	.02750	.00023	.01123
%RSD	3.5989	66.285	19.598	9.0350	14.630	76.646	25.006	58.483
#1	-.00397	.00074	.04673	.00185	-.00074	.01643	-.00074	.01127
#2	-.00417	.00204	.06177	.00211	-.00091	.05533	-.00106	.02715
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01956	-.00678	.00673	-.00180	.00712	.0031	F .10408	F 5.2926
Stddev	.00412	.00391	.00011	.00010	.00123	.0029	.00016	.1544
%RSD	21.052	57.593	1.7065	5.7397	17.283	93.37	.15809	2.9164
#1	-.01664	-.00402	.00681	-.00173	.00625	.0010	.10397	5.4017
#2	-.02247	-.00954	.00665	-.00188	.00799	.0051	.10420	5.1835

Sample Name: ICSA01 Acquired: 10/15/2018 15:16:51 Type: Unk
 Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.1598
 Stddev .1129
 %RSD 5.2284

#1 2.2397
 #2 2.0800

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2931.0	58178.	4364.6	90.710	3353.5
Stddev	4.5	313.	32.4	2.760	3.6
%RSD	.15279	.53782	.74344	3.0422	.10857

#1	2934.1	57957.	4341.6	92.661	3356.1
#2	2927.8	58400.	4387.5	88.758	3351.0

Sample Name: ICSAB01 Acquired: 10/15/2018 15:30:19 Type: Unk
Method: P4-ICP2(v2498) 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	.10086	.09647	.04800	.05007	.61734	268.42	.53509	.53607
Stddev	.00204	.00211	.00171	.00169	.00367	.01	.00250	.00031
%RSD	2.0269	2.1859	3.5635	3.3667	.59478	.00387	.46735	.05759

#1	.10231	.09498	.04921	.05127	.61994	268.41	.53333	.53585
#2	.09942	.09796	.04679	.04888	.61474	268.43	.53686	.53629

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98841	247.02	.55787	.49390	.50659	95.924	.52681	258.12
Stddev	.00740	1.38	.00088	.00432	.00670	.980	.00113	.87
%RSD	.74840	.55919	.15773	.87420	1.3221	1.0211	.21368	.33866

#1	.99364	246.04	.55725	.49696	.51132	95.231	.52760	257.50
#2	.98318	247.99	.55850	.49085	.50185	96.616	.52601	258.74

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97723	.21664	.04422	.51144	.99619	.01870	-.00023	-.00407
Stddev	.00657	.00113	.00309	.00241	.00872	.03255	.00068	.00244
%RSD	.67209	.52360	6.9975	.47032	.87504	174.05	299.71	60.129

#1	.98187	.21744	.04204	.51314	.99003	.04172	.00025	-.00579
#2	.97258	.21584	.04641	.50974	1.0024	-.00432	-.00070	-.00234

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01917	-.00246	.00621	-.00367	.00626	F .0042	.10236	F 5.5016
Stddev	.00068	.00158	.00107	.00240	.00310	.0006	.00004	.4592
%RSD	3.5695	64.128	17.188	65.471	49.605	14.51	.04012	8.3460

#1	-.01966	-.00134	.00697	-.00197	.00845	.0046	.10239	5.8263
#2	-.01869	-.00357	.00546	-.00537	.00406	.0037	.10233	5.1770

Sample Name: ICSAB01 Acquired: 10/15/2018 15:30:19 Type: Unk
 Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1.8164
 Stddev .0093
 %RSD .51425

#1 1.8230
 #2 1.8098

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2929.0	58638.	4367.3	92.184	3375.7
Stddev	22.1	197.	9.5	.669	25.3
%RSD	.75282	.33521	.21642	.72544	.74895

#1	2913.4	58499.	4373.9	92.657	3357.8
#2	2944.6	58777.	4360.6	91.712	3393.6

Sample Name: CCV01 Acquired: 10/15/2018 15:34:19 Type: Unk
Method: P4-ICP2(v2498) 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	5.0430	4.9303	4.8670	5.0466	4.9473	9.8448	9.9686	.24834
Stddev	.0186	.0089	.0062	.0050	.0080	.1979	.0065	.00294
%RSD	.36937	.17993	.12764	.09973	.16260	2.0104	.06548	1.1840

#1	5.0299	4.9366	4.8714	5.0502	4.9416	9.9847	9.9639	.25042
#2	5.0562	4.9240	4.8626	5.0431	4.9530	9.7048	9.9732	.24626

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4202	24.719	.97806	2.4168	1.2525	4.9185	2.4744	24.576
Stddev	.0022	.082	.01235	.0019	.0008	.1563	.0216	.021
%RSD	.09222	.33359	1.2631	.08050	.06575	3.1768	.87448	.08580

#1	2.4218	24.778	.98679	2.4182	1.2531	4.8080	2.4897	24.591
#2	2.4187	24.661	.96932	2.4154	1.2520	5.0290	2.4591	24.561

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4336	1.2366	24.634	2.4546	2.4723	24.659	4.9763	4.9409
Stddev	.0021	.0149	.002	.0249	.0867	.027	.0010	.0059
%RSD	.08420	1.2021	.00677	1.0157	3.5071	.11019	.02006	.12013

#1	2.4351	1.2471	24.633	2.4723	2.4110	24.678	4.9756	4.9451
#2	2.4322	1.2260	24.635	2.4370	2.5336	24.640	4.9770	4.9367

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8339	4.9120	4.8396	4.9563	F 5.3206	4.863	4.9606	F 3.9244
Stddev	.0063	.0367	.0068	.0120	.0022	.016	.0051	.4415
%RSD	.13083	.74658	.14106	.24114	.04035	.3217	.10218	11.249

#1	4.8384	4.8861	4.8445	4.9648	5.3191	4.874	4.9642	4.2365
#2	4.8294	4.9380	4.8348	4.9479	5.3221	4.852	4.9570	3.6122

Sample Name: CCV01 Acquired: 10/15/2018 15:34:19 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.2098
Stddev .0677
%RSD 3.0653

#1 2.1619
#2 2.2577

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3148.7	63193.	4514.2	95.402	3733.8
Stddev	9.6	890.	.2	3.032	13.0
%RSD	.30393	1.4089	.00376	3.1779	.34703

#1	3142.0	62564.	4514.1	97.546	3724.6
#2	3155.5	63823.	4514.4	93.258	3742.9

Sample Name: CCB01 Acquired: 10/15/2018 15:38:06 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00096	.00017	-.00259	-.00069	-.00114	.00777	.00078	.00000
Stddev	.00068	.00068	.00063	.00379	.00111	.00526	.00117	.00000
%RSD	71.278	390.67	24.130	548.91	97.307	67.678	150.37	3.4657
#1	-.00047	-.00031	-.00215	.00199	-.00192	.01148	-.00005	.00000
#2	-.00144	.00066	-.00304	-.00337	-.00035	.00405	.00161	.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.01501	-.00017	-.00008	-.00069	.00562	.00003	.01200
Stddev	.00005	.01610	.00011	.00004	.00085	.00390	.00003	.04683
%RSD	58.351	107.25	65.695	47.240	123.20	69.387	97.907	390.11
#1	.00012	.00363	-.00009	-.00010	-.00128	.00838	.00001	-.02111
#2	.00005	.02639	-.00025	-.00005	-.00009	.00287	.00004	.04512
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	-.00014	-.01095	.00040	-.00048	.01072	.00060	.00740
Stddev	.00023	.00035	.01243	.00008	.00004	.00554	.00026	.00579
%RSD	86.139	254.84	113.55	20.873	8.6032	51.665	42.969	78.214
#1	.00011	-.00039	-.01974	.00045	-.00045	.00681	.00078	.00331
#2	.00043	.00011	-.00216	.00034	-.00051	.01464	.00042	.01150
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00517	.00028	-.00022	.00031	.00060	-.0028	.00009	F .45676
Stddev	.00104	.00247	.00052	.00068	.00015	.0013	.00026	.35810
%RSD	20.029	892.82	232.95	219.83	24.328	46.86	274.56	78.399
#1	-.00591	.00203	-.00059	.00079	.00071	-.0019	-.00009	.20355
#2	-.00444	-.00147	.00015	-.00017	.00050	-.0038	.00028	.70998

Sample Name: CCB01 Acquired: 10/15/2018 15:38:06 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .39572
Stddev .76051
%RSD 192.19

#1 .93348
#2 -.14205

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3258.0	66782.	4540.7	103.20	4148.9
Stddev	25.7	130.	32.2	.61	48.2
%RSD	.78888	.19490	.70849	.58809	1.1627

#1	3239.9	66874.	4563.4	103.63	4114.8
#2	3276.2	66690.	4517.9	102.78	4183.0

Sample Name: LR CHECK2 Acquired: 10/15/2018 15:46:36 Type: Unk
Method: P4-ICP2(v2498) 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	.00396	.00818	235.80	.01911	-.03529	-.26066	93.683	-.00005
Stddev	.00238	.00160	.13	.00438	.00029	.00952	.209	.00007
%RSD	60.039	19.523	.05482	22.908	.83428	3.6521	.22306	143.58

#1	.00565	.00931	235.71	.01601	-.03549	-.26739	93.831	.00000
#2	.00228	.00705	235.89	.02220	-.03508	-.25393	93.535	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00820	.30349	-.08179	-.01389	232.91	-.64560	40.892	-.06943
Stddev	.00002	.00075	.00058	.00051	.06	.00861	.391	.00144
%RSD	.26273	.24845	.70518	3.6858	.02476	1.3337	.95623	2.0751

#1	-.00818	.30402	-.08138	-.01353	232.87	-.63951	41.169	-.07045
#2	-.00821	.30295	-.08220	-.01425	232.95	-.65169	40.616	-.06841

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	46.687	.00318	.78472	-.00561	33.085	.79039	.00363	.00990
Stddev	.074	.00025	.02303	.00031	.504	.02933	.00018	.00897
%RSD	.15779	7.8999	2.9348	5.4543	1.5240	3.7110	4.9627	90.604

#1	46.739	.00336	.80100	-.00583	33.441	.81113	.00375	.01625
#2	46.635	.00300	.76843	-.00540	32.728	.76964	.00350	.00356

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06500	.00557	.00014	.02844	-.00257	.1755	.00385	1.9185
Stddev	.00439	.00149	.00038	.00107	.00145	.0096	.00006	.2270
%RSD	6.7600	26.801	275.65	3.7526	56.329	5.449	1.5693	11.832

#1	.06189	.00451	-.00013	.02919	-.00359	.1823	.00381	2.0791
#2	.06810	.00662	.00041	.02768	-.00154	.1687	.00390	1.7580

Sample Name: LR CHECK2 Acquired: 10/15/2018 15:46:36 Type: Unk
 Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .93950
 Stddev .38992
 %RSD 41.503

#1 1.2152
 #2 .66378

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3121.6	65882.	4587.5	99.104	3924.5
Stddev	8.4	251.	17.4	1.479	1.3
%RSD	.26953	.38132	.37841	1.4924	.03240

#1	3127.5	65704.	4599.8	98.058	3925.4
#2	3115.6	66060.	4575.3	100.15	3923.6

Sample Name: J5197-02LX5 Acquired: 10/15/2018 15:59:26 Type: Unk
Method: P4-ICP2(v2498) 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	.00002	-.00086	.01243	.00111	-.00037	.01681	.02673	-.00005
Stddev	.00044	.00101	.00049	.00054	.00223	.00126	.00022	.00004
%RSD	2168.0	118.19	3.9414	48.301	602.49	7.5111	.80685	75.546

#1	-.00029	-.00014	.01278	.00073	.00121	.01592	.02658	-.00002
#2	.00033	-.00157	.01209	.00149	-.00195	.01770	.02689	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	3.0370	-.00071	.00105	.00186	.00744	.12046	.97317
Stddev	.00000	.0287	.00045	.00020	.00006	.00232	.00008	.03169
%RSD	6.5799	.94460	64.109	19.341	3.1085	31.174	.06823	3.2567

#1	.00005	3.0168	-.00103	.00091	.00190	.00908	.12040	.95076
#2	.00005	3.0573	-.00039	.00120	.00182	.00580	.12052	.99558

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00056	.00047	66.348	.00068	.00758	.27199	-.00003	.00162
Stddev	.00007	.00057	.040	.00053	.00020	.00835	.00007	.00311
%RSD	11.806	120.39	.05992	78.277	2.7013	3.0704	287.16	192.39

#1	.00051	.00007	66.320	.00106	.00773	.26609	.00003	.00382
#2	.00061	.00087	66.376	.00030	.00744	.27790	-.00008	-.00058

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03971	.07589	-.00127	-.00138	.00020	-.0004	.00781	1.4103
Stddev	.00038	.00541	.00019	.00085	.00003	.0008	.00003	.2728
%RSD	.94993	7.1302	14.635	61.908	15.523	180.7	.33410	19.345

#1	.03998	.07972	-.00114	-.00078	.00018	-.0010	.00783	1.6032
#2	.03945	.07207	-.00140	-.00198	.00022	.0001	.00779	1.2174

Sample Name: J5197-02LX5 Acquired: 10/15/2018 15:59:26 Type: Unk
 Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.50334
Stddev	.45958
%RSD	91.307

#1	.82831
#2	.17836

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3206.2	65030.	4544.1	100.70	3938.3
Stddev	3.7	188.	13.4	.88	19.2
%RSD	.11422	.28885	.29533	.87789	.48665

#1	3203.6	64898.	4534.6	100.07	3924.8
#2	3208.8	65163.	4553.6	101.32	3951.9

Sample Name: J5197-02 Acquired: 10/15/2018 16:03:29 Type: Unk
Method: P4-ICP2(v2498) 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	.00076	-.00366	.00239	.00200	-.00007	.08548	.13383	.00016
Stddev	.00297	.00080	.00029	.00066	.00009	.02028	.00004	.00003
%RSD	389.48	21.930	12.148	32.782	118.23	23.724	.02827	16.372

#1	.00286	-.00422	.00260	.00247	-.00001	.07114	.13385	.00014
#2	-.00134	-.00309	.00219	.00154	-.00014	.09981	.13380	.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	14.727	-.00066	.00430	.00811	.04537	.58055	4.6467
Stddev	.00011	.147	.00012	.00018	.00078	.01216	.00134	.0740
%RSD	127.48	1.0001	17.798	4.1790	9.6190	26.799	.23075	1.5921

#1	.00001	14.623	-.00075	.00443	.00866	.03677	.57960	4.5944
#2	.00016	14.831	-.00058	.00417	.00756	.05397	.58149	4.6990

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00220	-.00021	315.79	.00050	.02894	1.1070	-.00007	.01599
Stddev	.00002	.00030	.48	.00011	.00071	.0244	.00030	.00953
%RSD	.85853	143.93	.15134	23.071	2.4429	2.1994	428.33	59.584

#1	.00219	-.00042	315.46	.00041	.02944	1.0898	-.00028	.02273
#2	.00222	.00000	316.13	.00058	.02844	1.1242	.00014	.00925

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19095	.35491	.00010	-.00124	.00099	.0044	.03797	4.2224
Stddev	.00186	.00517	.00096	.00087	.00147	.0016	.00007	.0084
%RSD	.97210	1.4580	925.78	69.792	148.98	35.71	.19050	.19853

#1	.18964	.35125	-.00057	-.00185	-.00005	.0033	.03792	4.2284
#2	.19226	.35857	.00078	-.00063	.00203	.0055	.03802	4.2165

Sample Name: J5197-02 Acquired: 10/15/2018 16:03:29 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.9055
Stddev .2997
%RSD 15.726

#1 1.6936
#2 2.1174

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3098.5	62104.	4523.3	99.696	3654.4
Stddev	4.1	120.	16.5	2.139	16.0
%RSD	.13290	.19259	.36559	2.1455	.43832

#1	3101.4	62020.	4535.0	98.183	3643.0
#2	3095.6	62189.	4511.6	101.21	3665.7

Sample Name: J5197-02MS Acquired: 10/15/2018 16:12:03 Type: Unk
Method: P4-ICP2(v2498) 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	.79536	1.8247	.92842	1.9859	.76349	2.0821	.34650	.19329	.18940
Stddev	.00145	.0195	.00658	.0177	.00852	.0186	.00055	.00119	.00173
%RSD	.18198	1.0692	.70874	.89198	1.1166	.89250	.15977	.61735	.91095
#1	.79639	1.8385	.93308	1.9984	.76951	2.0952	.34611	.19413	.19062
#2	.79434	1.8109	.92377	1.9734	.75746	2.0689	.34689	.19244	.18818
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.748	.38952	.19694	.30153	2.9375	.81542	7.0138	.48391	.07010
Stddev	.013	.00725	.00097	.00180	.0545	.00822	.0273	.00428	.00074
%RSD	.07533	1.8615	.49474	.59633	1.8561	1.0083	.38999	.88515	1.0506
#1	16.739	.39465	.19763	.30280	2.8990	.82124	6.9945	.48693	.07062
#2	16.757	.38439	.19625	.30026	2.9761	.80961	7.0332	.48088	.06958
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	322.47	.30200	.21811	12.156	.40184	.30959	.19435	1.2478	.66162
Stddev	6.26	.00136	.00377	.142	.00354	.00039	.00278	.0109	.00847
%RSD	1.9409	.45009	1.7295	1.1663	.88212	.12468	1.4297	.87606	1.2805
#1	326.90	.30296	.21544	12.256	.40434	.30986	.19238	1.2556	.66761
#2	318.05	.30104	.22077	12.056	.39933	.30932	.19631	1.2401	.65563
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.19806	.21958	5.706	.23136	5.0983	.25917			
Stddev	.00088	.00090	.055	.00078	.3806	.39349			
%RSD	.44499	.41018	.9629	.33872	7.4650	151.82			
#1	.19868	.21894	5.745	.23192	5.3674	-.01906			
#2	.19744	.22021	5.667	.23081	4.8292	.53741			

Sample Name: J5197-02MS Acquired: 10/15/2018 16:12:03 Type: Unk
Method: P4-ICP2(v2498) 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	3080.0	61530.	4455.9	97.505	3644.1
Stddev	27.1	483.	32.3	1.455	33.2
%RSD	.87966	.78434	.72388	1.4921	.90999
#1	3060.8	61189.	4433.1	98.534	3620.7
#2	3099.1	61871.	4478.7	96.476	3667.6

Sample Name: J5197-02MSD Acquired: 10/15/2018 16:15:57 Type: Unk
Method: P4-ICP2(v2498) 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	.80657	1.8522	.93809	2.0038	.76954	2.0599	.34648	.19267	.19163
Stddev	.00483	.0031	.00245	.0008	.00273	.0063	.00048	.00088	.00031
%RSD	.59840	.16486	.26149	.03851	.35531	.30559	.13997	.45701	.16067
#1	.80998	1.8500	.93635	2.0033	.76761	2.0643	.34614	.19330	.19141
#2	.80315	1.8543	.93982	2.0044	.77147	2.0554	.34682	.19205	.19185
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.771	.38813	.19953	.30388	2.9115	.81262	6.9937	.48957	.06964
Stddev	.088	.00088	.00003	.00022	.0223	.00028	.0910	.00051	.00139
%RSD	.52652	.22769	.01571	.07315	.76657	.03402	1.3011	.10353	1.9901
#1	16.708	.38751	.19956	.30373	2.8957	.81282	6.9293	.48993	.06866
#2	16.833	.38876	.19951	.30404	2.9273	.81242	7.0580	.48921	.07062
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	329.72	.29988	.21505	11.516	.40540	.29247	.19977	1.2546	.66986
Stddev	1.95	.00104	.00244	.010	.00062	.00654	.00333	.0039	.00070
%RSD	.59199	.34841	1.1359	.08987	.15233	2.2363	1.6662	.31194	.10486
#1	328.34	.29914	.21333	11.523	.40497	.28785	.20212	1.2519	.67036
#2	331.10	.30061	.21678	11.509	.40584	.29710	.19742	1.2574	.66936
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20052	.22055	5.763	.23277	4.5112	.60032			
Stddev	.00073	.00146	.009	.00111	.1923	.31019			
%RSD	.36610	.66071	.1656	.47548	4.2631	51.670			
#1	.20104	.21951	5.757	.23199	4.3752	.81966			
#2	.20000	.22158	5.770	.23355	4.6472	.38099			

Sample Name: J5197-02MSD Acquired: 10/15/2018 16:15:57 Type: Unk
Method: P4-ICP2(v2498) 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	3061.9	61930.	4453.8	99.043	3622.9
Stddev	.7	148.	22.4	.900	1.8
%RSD	.02406	.23829	.50211	.90909	.05069
#1	3061.4	61825.	4469.7	99.680	3624.2
#2	3062.5	62034.	4438.0	98.406	3621.6

Sample Name: J5197-02DUP Acquired: 10/15/2018 16:19:53 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00090	-.00411	.00017	.00508	-.00210	.07742	.13116	.00011
Stddev	.00206	.00165	.00036	.00050	.00013	.00517	.00109	.00010
%RSD	228.93	40.213	209.95	9.7512	6.0244	6.6775	.83403	92.620

#1	-.00235	-.00294	.00043	.00473	-.00219	.07377	.13039	.00018
#2	.00056	-.00528	-.00008	.00543	-.00201	.08108	.13193	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	14.368	-.00043	.00446	.00821	.05026	.57413	4.6061
Stddev	.00007	.045	.00022	.00024	.00040	.00948	.00178	.0761
%RSD	58.637	.31527	52.745	5.3242	4.8512	18.860	.31020	1.6516

#1	.00017	14.336	-.00027	.00462	.00850	.05696	.57287	4.5524
#2	.00007	14.400	-.00058	.00429	.00793	.04356	.57539	4.6599

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00218	-.00011	310.23	.00075	.02851	1.3676	-.00007	.00932
Stddev	.00026	.00046	1.16	.00035	.00014	.0092	.00043	.00413
%RSD	12.081	419.01	.37254	46.459	.47774	.67090	581.58	44.294

#1	.00237	.00022	311.05	.00100	.02861	1.3741	.00023	.01224
#2	.00200	-.00044	309.42	.00051	.02842	1.3611	-.00038	.00640

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19183	.35002	-.00012	.00067	-.00136	.0025	.03745	4.3196
Stddev	.00410	.00091	.00060	.00089	.00065	.0033	.00028	.3813
%RSD	2.1385	.25867	502.89	132.20	47.507	133.5	.74712	8.8279

#1	.18893	.34938	.00030	.00130	-.00181	.0001	.03725	4.5893
#2	.19473	.35066	-.00054	.00004	-.00090	.0048	.03764	4.0500

Sample Name: J5197-02DUP Acquired: 10/15/2018 16:19:53 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.3103
Stddev .1938
%RSD 14.792

#1 1.1732
#2 1.4473

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3089.0	62501.	4548.5	99.163	3639.0
Stddev	1.4	91.	10.2	.607	9.4
%RSD	.04459	.14577	.22422	.61206	.25723

#1	3089.9	62437.	4541.2	98.733	3632.3
#2	3088.0	62565.	4555.7	99.592	3645.6

Sample Name: J5480-01 Acquired: 10/15/2018 16:30:22 Type: Unk
Method: P4-ICP2(v2498) 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	.00311	-.00059	.00899	.00721	.00148	.76818	.16435	.00001
Stddev	.00294	.00010	.00183	.00292	.00318	.01369	.00029	.00002
%RSD	94.252	17.692	20.372	40.480	215.30	1.7823	.17342	169.30
#1	.00519	-.00066	.01028	.00927	-.00077	.77786	.16455	-.00000
#2	.00104	-.00052	.00769	.00515	.00372	.75850	.16415	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00066	75.203	.00561	.00285	.22803	6.6267	.15454	23.209
Stddev	.00001	.407	.00045	.00000	.00087	.0947	.00008	.032
%RSD	1.0342	.54154	8.0412	.03380	.38197	1.4295	.05100	.13750
#1	.00065	75.491	.00593	.00285	.22742	6.6937	.15460	23.186
#2	.00066	74.915	.00529	.00285	.22865	6.5597	.15449	23.232
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01301	.00111	351.96	.00400	1.0562	39.286	.00303	.20175
Stddev	.00010	.00005	.49	.00006	.0141	.119	.00021	.00200
%RSD	.76715	4.0651	.13871	1.5686	1.3300	.30273	6.8190	.98907
#1	.01294	.00108	352.30	.00404	1.0661	39.202	.00289	.20316
#2	.01308	.00114	351.61	.00395	1.0462	39.370	.00318	.20034
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 57.250	8.7465	-.01955	.00721	.03054	F 10.96	.57872	3.8557
Stddev	.122	.0158	.00028	.00268	.00174	.03	.00231	.1787
%RSD	.21363	.18040	1.4422	37.199	5.6948	.2915	.39944	4.6337
#1	57.336	8.7354	-.01975	.00531	.03177	10.99	.57709	3.9821
#2	57.164	8.7577	-.01935	.00911	.02931	10.94	.58035	3.7294

Sample Name: J5480-01 Acquired: 10/15/2018 16:30:22 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.3717
Stddev .6584
%RSD 19.528

#1 3.8373
#2 2.9062

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3071.5	62963.	4702.9	103.80	3648.4
Stddev	5.1	46.	4.8	1.16	.2
%RSD	.16494	.07346	.10206	1.1197	.00447

#1	3075.0	62930.	4706.3	102.98	3648.5
#2	3067.9	62995.	4699.5	104.63	3648.3

Sample Name: LR CHECK1 Acquired: 10/15/2018 16:34:25 Type: Unk
Method: P4-ICP2(v2498) 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	-.04811	-.05642	-.02710	-.03577	.04970	1901.8	.00415	.00456
Stddev	.00951	.00320	.00294	.01153	.00837	24.3	.00030	.00018
%RSD	19.763	5.6748	10.856	32.233	16.841	1.2791	7.2022	3.9234
#1	-.04139	-.05415	-.02918	-.02761	.04378	1884.6	.00436	.00468
#2	-.05483	-.05868	-.02502	-.04392	.05561	1919.0	.00393	.00443
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03851	1742.6	.08436	-.00055	-.03956	F 934.52	.02309	F 1855.6
Stddev	.00121	5.2	.00268	.00014	.00764	10.72	.00059	1.2
%RSD	3.1300	.29711	3.1798	24.921	19.315	1.1470	2.5569	.06492
#1	.03937	1739.0	.08246	-.00045	-.03416	926.94	.02267	1856.5
#2	.03766	1746.3	.08626	-.00065	-.04496	942.10	.02351	1854.8
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09592	.00792	1722.8	.01118	.05235	F 1002.6	.01395	-.00086
Stddev	.00017	.00012	18.7	.00050	.00010	8.3	.00011	.02179
%RSD	.17924	1.5571	1.0882	4.5054	.19750	.83069	.77930	2526.0
#1	.09580	.00784	1736.0	.01082	.05228	1008.5	.01403	-.01627
#2	.09604	.00801	1709.5	.01154	.05243	996.74	.01388	.01455
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27497	-.00243	.06403	-.05263	.05663	.0937	.01915	4.0295
Stddev	.01356	.00227	.00106	.00025	.00088	.0044	.00008	.5109
%RSD	4.9327	93.368	1.6543	.46800	1.5544	4.742	.40133	12.679
#1	.26538	-.00083	.06478	-.05280	.05725	.0906	.01910	3.6682
#2	.28457	-.00404	.06328	-.05245	.05601	.0969	.01920	4.3908

Sample Name: LR CHECK1 Acquired: 10/15/2018 16:34:25 Type: Unk
 Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2163.3	43900.	3809.7	70.110	2092.0
Stddev	7.5	467.	16.7	.600	5.6
%RSD	.34566	1.0639	.43775	.85608	.26846
#1	2158.0	44231.	3797.9	70.535	2088.1
#2	2168.6	43570.	3821.5	69.686	2096.0

Sample Name: J5197-02A Acquired: 10/15/2018 16:38:47 Type: Unk
Method: P4-ICP2(v2498) 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	.79957	1.8374	.93021	1.9975	.76693	2.0531	.34869	.19178	.19029
Stddev	.00907	.0021	.00295	.0029	.00302	.0091	.00169	.00014	.00011
%RSD	1.1347	.11350	.31731	.14277	.39353	.44182	.48404	.07454	.05782

#1	.80599	1.8360	.92812	1.9995	.76906	2.0467	.34989	.19168	.19021
#2	.79316	1.8389	.93229	1.9955	.76479	2.0595	.34750	.19188	.19036

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.773	.38686	.19858	.30449	2.9301	.80930	7.0659	.48702	.06956
Stddev	.056	.00241	.00011	.00030	.0308	.00054	.0767	.00207	.00024
%RSD	.33354	.62285	.05706	.09972	1.0506	.06684	1.0853	.42493	.34843

#1	16.813	.38515	.19850	.30471	2.9518	.80892	7.1201	.48555	.06939
#2	16.733	.38856	.19866	.30428	2.9083	.80969	7.0116	.48848	.06973

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	322.50	.29841	.21858	12.337	.40406	.31453	.21869	1.2660	.66377
Stddev	3.90	.00072	.00456	.184	.00060	.01691	.00197	.0002	.00124
%RSD	1.2087	.24282	2.0881	1.4945	.14900	5.3759	.90144	.01801	.18636

#1	319.74	.29790	.22180	12.467	.40449	.30257	.21730	1.2661	.66290
#2	325.26	.29892	.21535	12.206	.40363	.32649	.22008	1.2658	.66465

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20197	.21858	5.742	.23508	4.6927	.34345
Stddev	.00067	.00023	.022	.00114	.1482	.06079
%RSD	.33050	.10442	.3801	.48577	3.1576	17.700

#1	.20149	.21874	5.727	.23589	4.7975	.38644
#2	.20244	.21842	5.758	.23427	4.5879	.30046

Sample Name: J5197-02A Acquired: 10/15/2018 16:38:47 Type: Unk
Method: P4-ICP2(v2498) 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	3046.1	61622.	4392.6	96.783	3608.6
Stddev	10.5	95.	26.4	2.186	2.1
%RSD	.34359	.15451	.60099	2.2591	.05848
#1	3038.7	61554.	4373.9	95.237	3610.1
#2	3053.5	61689.	4411.2	98.329	3607.1

Sample Name: PB113802BL Acquired: 10/15/2018 16:42:42 Type: Unk
Method: P4-ICP2(v2498) 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	-.00243	-.00097	.00016	.00003	-.00136	.00195	-.00101	-.00007
Stddev	.00284	.00033	.00062	.00207	.00052	.00094	.00053	.00013
%RSD	117.23	34.255	392.39	6690.8	38.002	48.100	52.361	179.65
#1	-.00041	-.00073	.00059	.00149	-.00172	.00262	-.00138	.00002
#2	-.00444	-.00120	-.00028	-.00143	-.00099	.00129	-.00063	-.00017
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.02520	-.00048	-.00009	.00013	-.01574	.00009	.01818
Stddev	.00001	.01128	.00015	.00010	.00041	.00244	.00003	.03391
%RSD	17.676	44.763	30.556	106.14	320.12	15.517	38.334	186.54
#1	.00007	.01722	-.00038	-.00016	.00042	-.01401	.00011	.04216
#2	.00009	.03318	-.00058	-.00002	-.00016	-.01746	.00006	-.00580
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00050	-.00005	.35984	.00034	-.00021	.37225	-.00005	.00001
Stddev	.00008	.00005	.00103	.00016	.00004	.03459	.00037	.00234
%RSD	15.502	107.90	.28699	46.952	17.321	9.2926	803.81	33588.
#1	.00044	-.00001	.36057	.00023	-.00019	.39671	.00022	.00167
#2	.00055	-.00009	.35911	.00045	-.00024	.34779	-.00031	-.00165
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00602	.00251	-.00207	-.00152	.00078	.0011	-.00010	F .11621
Stddev	.00060	.00137	.00034	.00097	.00102	.0005	.00007	.12850
%RSD	10.054	54.578	16.558	63.788	131.03	44.80	72.784	110.58
#1	.00559	.00348	-.00231	-.00083	.00006	.0007	-.00014	.02535
#2	.00644	.00154	-.00183	-.00220	.00151	.0014	-.00005	.20708

Sample Name: PB113802BL Acquired: 10/15/2018 16:42:42 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .85374
Stddev	.15859
%RSD	18.576

#1	.74160
#2	.96588

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3265.5	67170.	4531.3	102.19	4152.1
Stddev	4.1	83.	25.9	2.02	14.0
%RSD	.12688	.12354	.57114	1.9720	.33717

#1	3262.6	67112.	4513.0	103.62	4142.2
#2	3268.4	67229.	4549.6	100.77	4162.0

Sample Name: CCV02 Acquired: 10/15/2018 16:46:46 Type: Unk
Method: P4-ICP2(v2498) 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	5.1802	5.0551	5.0053	5.1793	5.0784	10.003	10.329	.25267
Stddev	.0053	.0264	.0357	.0399	.0238	.008	.101	.00017
%RSD	.10302	.52272	.71385	.76988	.46805	.07943	.97361	.06581
#1	5.1840	5.0738	5.0306	5.2075	5.0952	9.9973	10.258	.25255
#2	5.1765	5.0364	4.9800	5.1512	5.0616	10.008	10.400	.25279
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4897	26.337	.99028	2.4811	1.2858	4.9250	2.5247	25.579
Stddev	.0176	.206	.00391	.0153	.0090	.0978	.0003	.278
%RSD	.70635	.78386	.39510	.61843	.69937	1.9851	.01259	1.0867
#1	2.5021	26.191	.99305	2.4920	1.2921	4.8558	2.5249	25.383
#2	2.4772	26.483	.98751	2.4703	1.2794	4.9941	2.5245	25.776
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4936	1.2434	25.255	2.4962	2.5370	25.797	5.1077	5.1478
Stddev	.0109	.0042	.274	.0035	.0283	.223	.0219	.0631
%RSD	.43567	.34032	1.0852	.14043	1.1149	.86302	.42904	1.2259
#1	2.5013	1.2464	25.061	2.4937	2.5170	25.640	5.1232	5.1031
#2	2.4859	1.2404	25.449	2.4987	2.5570	25.954	5.0922	5.1924
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9825	5.2118	4.9599	5.1044	F 5.5513	5.003	5.1195	5.1149
Stddev	.0287	.0591	.0220	.0461	.0642	.027	.0521	.1400
%RSD	.57626	1.1344	.44442	.90361	1.1566	.5481	1.0180	2.7369
#1	5.0028	5.1700	4.9755	5.0717	5.5059	5.022	5.0827	5.0159
#2	4.9622	5.2536	4.9444	5.1370	5.5967	4.984	5.1564	5.2139

Sample Name: CCV02 Acquired: 10/15/2018 16:46:46 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.0471
Stddev .7645
%RSD 25.090

#1 2.5065
#2 3.5877

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3143.7	63357.	4381.4	95.393	3729.8
Stddev	16.4	121.	27.4	.974	29.0
%RSD	.52144	.19116	.62426	1.0208	.77803

#1	3132.1	63272.	4400.7	96.082	3709.3
#2	3155.3	63443.	4362.0	94.705	3750.4

Sample Name: CCB02 Acquired: 10/15/2018 16:50:30 Type: Unk
Method: P4-ICP2(v2498) 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	-.00379	.00165	.00051	.00095	-.00062	-.00344	.00000	-.00002
Stddev	.00034	.00120	.00030	.00130	.00024	.00214	.00004	.00002
%RSD	9.0257	72.551	57.819	136.74	38.901	62.122	21141.	95.836
#1	-.00403	.00081	.00030	.00003	-.00079	-.00193	-.00003	-.00004
#2	-.00355	.00250	.00072	.00187	-.00045	-.00496	.00003	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	.01402	-.00046	-.00004	-.00061	.00473	.00008	-.03755
Stddev	.00001	.02098	.00046	.00005	.00018	.00664	.00000	.04871
%RSD	4.5447	149.64	101.81	136.21	29.413	140.47	1.9000	129.72
#1	.00014	.02885	-.00079	-.00008	-.00048	.00942	.00008	-.00311
#2	.00013	-.00081	-.00013	-.00000	-.00073	.00003	.00008	-.07200
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00009	.11087	.00005	-.00029	.20532	.00049	.01742
Stddev	.00002	.00024	.00840	.00021	.00012	.00221	.00047	.00122
%RSD	32.143	261.53	7.5782	422.37	42.002	1.0748	97.433	6.9986
#1	-.00007	-.00027	.10493	-.00010	-.00020	.20376	.00082	.01655
#2	-.00005	.00008	.11681	.00020	-.00037	.20688	.00015	.01828
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00180	.00057	-.00069	.00154	.00258	-.0021	.00005	F 2.0000
Stddev	.00543	.00009	.00081	.00020	.00067	.0015	.00004	.4562
%RSD	300.72	15.203	117.75	12.911	26.081	72.65	70.876	22.812
#1	.00564	.00063	-.00012	.00168	.00211	-.0010	.00008	1.6774
#2	-.00203	.00051	-.00127	.00140	.00306	-.0032	.00002	2.3226

Sample Name: CCB02 Acquired: 10/15/2018 16:50:30 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .84500
Stddev .34761
%RSD 41.138

#1 1.0908
#2 .59920

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3272.7	66595.	4449.6	99.725	4176.0
Stddev	13.8	246.	21.6	2.605	6.3
%RSD	.42191	.36923	.48585	2.6117	.14987

#1	3263.0	66769.	4434.3	97.883	4180.5
#2	3282.5	66421.	4464.9	101.57	4171.6

Sample Name: PB113802BS Acquired: 10/15/2018 16:54:35 Type: Unk
Method: P4-ICP2(v2498) 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	.80879	2.0133	.99241	1.9658	.80620	1.9963	.21630
Stddev	.00492	.0008	.00016	.0079	.00157	.0047	.00112
%RSD	.60846	.03962	.01628	.40000	.19503	.23581	.51883

#1	.80531	2.0138	.99229	1.9714	.80731	1.9997	.21709
#2	.81227	2.0127	.99252	1.9603	.80509	1.9930	.21550

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19354	.19419	1.1728	.41683	.20390	.32642	3.0214
Stddev	.00085	.00014	.0172	.00211	.00023	.00044	.0482
%RSD	.43727	.07427	1.4662	.50558	.11471	.13514	1.5941

#1	.19294	.19409	1.1606	.41534	.20406	.32673	3.0555
#2	.19414	.19430	1.1850	.41832	.20373	.32611	2.9874

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21595	2.1596	.50972	.07161	3.3121	.31309	.20791
Stddev	.00029	.0444	.00041	.00092	.0056	.00099	.00639
%RSD	.13217	2.0557	.08071	1.2915	.16780	.31626	3.0733

#1	.21616	2.1910	.50943	.07227	3.3160	.31239	.21243
#2	.21575	2.1282	.51001	.07096	3.3082	.31379	.20339

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.860	.43226	.32173	F -.00182	.96793	.68750	.21095
Stddev	.020	.00101	.01278	.00000	.00004	.00032	.00140
%RSD	.18320	.23391	3.9726	.27298	.00433	.04680	.66520

#1	10.874	.43297	.33076	-.00182	.96790	.68727	.20995
#2	10.846	.43154	.31269	-.00182	.96796	.68772	.21194

Sample Name: PB113802BS Acquired: 10/15/2018 16:54:35 Type: Unk
Method: P4-ICP2(v2498) 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	.23392	5.389	.20660	F 2.9797	F<.00000
Stddev	.00216	.001	.00193	.4833	.47709
%RSD	.92202	.0122	.93437	16.221	48.449

#1	.23545	5.388	.20797	3.3214	-.64737
#2	.23240	5.389	.20524	2.6379	-1.3221

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3245.3	66235.	4425.4	100.87	4093.2
Stddev	8.6	136.	50.4	3.17	8.9
%RSD	.26635	.20521	1.1389	3.1458	.21635

#1	3239.2	66139.	4389.8	98.625	4087.0
#2	3251.4	66331.	4461.0	103.11	4099.5

Sample Name: PB113802TB Acquired: 10/15/2018 16:58:23 Type: Unk
Method: P4-ICP2(v2498) 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	.00006	-.00343	-.00247	.00340	-.00086	.00929	.00027	-.00010
Stddev	.00199	.00150	.00110	.00039	.00038	.00309	.00030	.00002
%RSD	3606.0	43.603	44.490	11.411	44.898	33.225	113.33	17.928
#1	.00146	-.00238	-.00169	.00312	-.00058	.01147	.00048	-.00009
#2	-.00135	-.00449	-.00325	.00367	-.00113	.00710	.00005	-.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.04407	-.00003	-.00026	-.00031	F .01710	.00025	-.02881
Stddev	.00001	.00510	.00004	.00002	.00014	.00321	.00000	.00094
%RSD	144.46	11.569	164.78	8.5855	44.976	18.741	.35122	3.2688
#1	-.00001	.04767	.00000	-.00024	-.00021	.01937	.00025	-.02815
#2	.00000	.04046	-.00005	-.00027	-.00041	.01484	.00025	-.02948
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00099	-.00058	F 299.28	.00030	.00838	.28276	.00022	.00881
Stddev	.00027	.00041	.89	.00007	.00011	.04583	.00003	.00018
%RSD	26.973	71.894	.29682	24.075	1.2831	16.208	11.972	2.0428
#1	.00118	-.00028	298.65	.00025	.00846	.25035	.00020	.00893
#2	.00080	-.00087	299.91	.00035	.00831	.31516	.00024	.00868
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00537	.00305	-.00003	.00131	.00129	-.0021	-.00002	F 6.7563
Stddev	.00160	.00098	.00068	.00034	.00105	.0004	.00015	.0855
%RSD	29.885	31.995	2631.8	25.791	81.488	18.98	934.63	1.2651
#1	.00423	.00236	.00046	.00107	.00055	-.0018	-.00012	6.6959
#2	.00650	.00375	-.00051	.00155	.00203	-.0024	.00009	6.8168

Sample Name: PB113802TB Acquired: 10/15/2018 16:58:23 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.5842
Stddev .0692
%RSD 4.3664

#1 1.5353
#2 1.6331

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3081.8	61240.	4370.6	98.438	3709.6
Stddev	.1	46.	21.6	.006	10.6
%RSD	.00338	.07549	.49485	.00599	.28677

#1	3081.9	61273.	4385.9	98.442	3702.1
#2	3081.7	61207.	4355.3	98.433	3717.2

Sample Name: PB113839BL Acquired: 10/15/2018 17:02:34 Type: Unk
Method: P4-ICP2(v2498) 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	-.00092	-.00252	-.00289	.00238	-.00020	.00943	-.00027	-.00007
Stddev	.00080	.00129	.00064	.00354	.00058	.00883	.00038	.00007
%RSD	86.590	51.433	22.033	148.87	290.97	93.611	143.28	97.411
#1	-.00148	-.00343	-.00334	-.00013	.00021	.01567	-.00054	-.00012
#2	-.00036	-.00160	-.00244	.00488	-.00061	.00319	.00000	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.03291	.00008	-.00010	-.00044	.00964	.00006	-.03428
Stddev	.00001	.00093	.00046	.00013	.00008	.00223	.00000	.02355
%RSD	13.148	2.8196	541.53	140.23	17.384	23.152	.04335	68.685
#1	.00008	.03357	-.00024	-.00000	-.00038	.00806	.00006	-.05093
#2	.00010	.03226	.00041	-.00019	-.00049	.01121	.00006	-.01763
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00059	-.00012	.11889	.00039	.00286	.12836	.00015	-.00709
Stddev	.00005	.00020	.00514	.00018	.00006	.02754	.00010	.00984
%RSD	8.8377	164.63	4.3205	46.430	2.0392	21.453	68.078	138.77
#1	.00063	-.00026	.12252	.00026	.00290	.14783	.00008	-.01405
#2	.00056	.00002	.11526	.00051	.00281	.10888	.00022	-.00013
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00079	.00002	-.00207	-.00005	.00018	-.0010	.00009	F 1.8861
Stddev	.00191	.00090	.00013	.00083	.00052	.0010	.00010	.2028
%RSD	241.30	4399.5	6.2588	1725.9	282.62	96.83	113.46	10.750
#1	.00056	.00066	-.00198	-.00064	-.00018	-.0003	.00002	2.0295
#2	-.00214	-.00061	-.00216	.00054	.00055	-.0017	.00017	1.7427

Sample Name: PB113839BL Acquired: 10/15/2018 17:02:34 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .83115
Stddev .01067
%RSD 1.2838

#1 .82360
#2 .83869

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3295.7	67655.	4467.1	101.15	4188.6
Stddev	11.1	175.	45.7	.17	11.1
%RSD	.33657	.25818	1.0229	.16895	.26442

#1	3287.8	67532.	4434.8	101.27	4180.8
#2	3303.5	67779.	4499.4	101.03	4196.5

Sample Name: PB113827BL Acquired: 10/15/2018 17:10:51 Type: Unk
Method: P4-ICP2(v2498) 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	-.00056	-.00026	-.00028	.00296	-.00135	.00923	.00033	-.00003
Stddev	.00173	.00031	.00161	.00179	.00241	.01280	.00026	.00007
%RSD	307.03	123.22	571.90	60.575	177.99	138.61	79.861	229.50

#1	.00066	-.00003	.00086	.00422	.00035	.01828	.00014	.00002
#2	-.00178	-.00048	-.00142	.00169	-.00306	.00018	.00052	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00888	-.00053	.00002	-.00051	-.00007	.00009	.02495
Stddev	.00009	.02397	.00003	.00009	.00044	.00947	.00002	.02720
%RSD	159.53	269.92	6.2168	578.28	85.631	13842.	25.770	109.01

#1	.00013	.02583	-.00056	-.00005	-.00020	-.00676	.00007	.04418
#2	-.00001	-.00807	-.00051	.00008	-.00083	.00663	.00010	.00572

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.00036	.11849	.00014	-.00053	.07567	-.00010	.00837
Stddev	.00010	.00022	.00571	.00031	.00004	.05416	.00010	.00300
%RSD	97.011	60.809	4.8210	225.97	7.5573	71.580	101.58	35.815

#1	-.00018	-.00021	.11445	.00036	-.00056	.11397	-.00016	.00625
#2	-.00003	-.00052	.12252	-.00008	-.00051	.03737	-.00003	.01049

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	-.00040	-.00174	.00158	.00130	-.0040	-.00004	F 2.9347
Stddev	.00431	.00094	.00107	.00009	.00047	.0001	.00008	.1058
%RSD	1901.3	235.53	61.080	5.9219	36.164	2.621	201.24	3.6036

#1	.00327	.00027	-.00099	.00152	.00164	-.0041	.00002	2.8599
#2	-.00282	-.00107	-.00250	.00165	.00097	-.0039	-.00009	3.0095

Sample Name: PB113827BL Acquired: 10/15/2018 17:10:51 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .35201
Stddev .23608
%RSD 67.065

#1 .51894
#2 .18508

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3307.1	66824.	4467.0	101.30	4215.1
Stddev	4.2	229.	19.1	.01	10.6
%RSD	.12608	.34342	.42819	.01163	.25262

#1	3310.0	66662.	4453.5	101.31	4222.6
#2	3304.1	66986.	4480.5	101.29	4207.5

Sample Name: PB113827BS Acquired: 10/15/2018 17:14:55 Type: Unk
Method: P4-ICP2(v2498) 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	.82614	2.0553	1.0075	2.0136	.82251	2.0352	.22189
Stddev	.00096	.0175	.0065	.0070	.00031	.0292	.00108
%RSD	.11612	.85133	.64600	.34556	.03714	1.4367	.48744

#1	.82546	2.0429	1.0029	2.0087	.82273	2.0559	.22266
#2	.82682	2.0677	1.0121	2.0186	.82229	2.0145	.22113

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19657	.19751	F 1.2180	.42249	.20547	.33385	3.1191
Stddev	.00167	.00097	.0025	.00238	.00129	.00072	.0282
%RSD	.84822	.48871	.20350	.56287	.62914	.21473	.90520

#1	.19775	.19682	1.2197	.42417	.20456	.33334	3.1390
#2	.19539	.19819	1.2162	.42081	.20639	.33436	3.0991

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21924	2.1984	.51649	.07395	3.3456	.31673	.21526
Stddev	.00103	.0449	.00350	.00038	.0038	.00124	.00118
%RSD	.47199	2.0420	.67745	.51767	.11348	.39062	.54777

#1	.21997	2.1667	.51402	.07422	3.3429	.31760	.21610
#2	.21851	2.2301	.51897	.07368	3.3483	.31585	.21443

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.957	.44165	.33354	F -.00513	1.0128	.69953	.21711
Stddev	.039	.00072	.00903	.00021	.0098	.00225	.00579
%RSD	.36042	.16259	2.7068	4.0939	.96370	.32181	2.6690

#1	10.929	.44114	.33992	-.00498	1.0059	.69794	.21302
#2	10.985	.44215	.32715	-.00528	1.0197	.70112	.22121

Sample Name: PB113827BS Acquired: 10/15/2018 17:14:55 Type: Unk
 Method: P4-ICP2(v2498) 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 .24183	F 5.471	.21269	F 2.4511	F<.00000
Stddev	.00259	.027	.00090	.7123	.07708
%RSD	1.0728	.4953	.42302	29.059	7.7870

#1	.24000	5.451	.21332	2.9548	-.93530
#2	.24367	5.490	.21205	1.9475	-1.0443

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3252.6	66843.	4384.5	99.669	4130.1
Stddev	11.1	507.	9.5	.769	6.7
%RSD	.34162	.75871	.21689	.77194	.16255

#1	3244.8	66485.	4391.3	99.125	4134.8
#2	3260.5	67202.	4377.8	100.21	4125.3

Sample Name: PB113839TB Acquired: 10/15/2018 17:23:20 Type: Unk
Method: P4-ICP2(v2498) 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	-.00265	-.00139	-.00330	.00406	-.00148	.00896	-.00039	.00000
Stddev	.00082	.00130	.00074	.00125	.00043	.00350	.00058	.00002
%RSD	31.003	93.828	22.518	30.830	29.059	39.065	148.35	892.12
#1	-.00207	-.00231	-.00278	.00318	-.00117	.01144	-.00080	-.00001
#2	-.00323	-.00047	-.00383	.00495	-.00178	.00649	.00002	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.04257	.00042	-.00005	-.00012	.00038	.00006	-.01613
Stddev	.00006	.00607	.00017	.00011	.00046	.00504	.00009	.01444
%RSD	319.39	14.257	40.293	218.18	379.15	1341.4	141.80	89.480
#1	-.00002	.03828	.00030	.00003	-.00044	-.00319	-.00000	-.02634
#2	.00006	.04686	.00054	-.00012	.00020	.00394	.00013	-.00592
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00117	.00083	F 297.96	-.00001	.00364	.25506	.00018	.00706
Stddev	.00023	.00018	4.86	.00037	.00008	.02406	.00011	.00449
%RSD	19.974	21.264	1.6295	4651.3	2.1580	9.4345	64.200	63.539
#1	.00101	.00096	301.39	.00026	.00369	.23804	.00026	.00389
#2	.00134	.00071	294.52	-.00027	.00358	.27207	.00010	.01024
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00176	.00408	-.00116	.00127	.00072	-.0016	-.00012	F 5.2787
Stddev	.00118	.00056	.00104	.00031	.00055	.0022	.00005	.1855
%RSD	66.973	13.797	89.631	24.562	76.691	135.6	42.342	3.5134
#1	-.00260	.00448	-.00042	.00105	.00033	-.0032	-.00008	5.1476
#2	-.00093	.00368	-.00189	.00149	.00111	-.0001	-.00016	5.4099

Sample Name: PB113839TB Acquired: 10/15/2018 17:23:20 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.5898
Stddev .3501
%RSD 22.020

#1 1.3422
#2 1.8373

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3126.7	61754.	4392.1	98.529	3746.6
Stddev	3.0	61.	60.5	3.659	10.5
%RSD	.09653	.09850	1.3775	3.7139	.28061

#1	3128.8	61711.	4349.3	95.942	3739.2
#2	3124.5	61797.	4434.9	101.12	3754.1

Sample Name: J5466-01 Acquired: 10/15/2018 17:27:29 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 381010700.9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	.00142	.00844	.00178	-.00018	.02572	.05855	.00006
Stddev	.00080	.00286	.00065	.00176	.00024	.00322	.00109	.00008
%RSD	514.54	201.58	7.6876	98.731	134.04	12.508	1.8636	134.99
#1	-.00041	.00344	.00890	.00303	-.00035	.02345	.05778	.00000
#2	.00072	-.00060	.00799	.00054	-.00001	.02800	.05933	.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	1.5369	.00042	.00114	.02765	.01043	.01578	2.7924
Stddev	.00004	.0012	.00070	.00003	.00061	.00477	.00008	.0120
%RSD	25.906	.07788	163.81	2.4864	2.1880	45.766	.49413	.43082
#1	.00011	1.5378	.00092	.00116	.02723	.01381	.01583	2.7839
#2	.00016	1.5361	-.00007	.00112	.02808	.00705	.01572	2.8009
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00255	-.00033	12.059	.00027	.04182	1.2370	-.00016	.04741
Stddev	.00005	.00001	.143	.00003	.00041	.0057	.00010	.00910
%RSD	1.9794	3.6753	1.1888	10.734	.97793	.45802	61.341	19.206
#1	.00252	-.00033	11.958	.00029	.04153	1.2330	-.00009	.04097
#2	.00259	-.00034	12.160	.00025	.04211	1.2410	-.00024	.05384
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1723	4.9973	-.00318	.00031	-.00536	-.0001	.01852	<.00000
Stddev	.0051	.0718	.00006	.00147	.00101	.0022	.00004	.20183
%RSD	.23590	1.4370	1.8844	482.73	18.795	2068.	.20048	10.009
#1	2.1686	4.9466	-.00313	-.00074	-.00607	.0015	.01850	-2.1592
#2	2.1759	5.0481	-.00322	.00135	-.00464	-.0017	.01855	-1.8738

Sample Name: J5466-01 Acquired: 10/15/2018 17:27:29 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 381010700.9 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.91662
Stddev	.19492
%RSD	21.266

#1	1.0544
#2	.77879

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3526.3	71630.	4831.6	111.56	4534.4
Stddev	9.7	111.	79.2	1.29	4.6
%RSD	.27464	.15494	1.6401	1.1568	.10094

#1	3533.2	71708.	4887.6	112.47	4537.6
#2	3519.5	71551.	4775.5	110.65	4531.2

Sample Name: J5466-02 Acquired: 10/15/2018 17:31:30 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 381010701.1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00032	-.00261	.00304	-.00163	.01379	.05148	.00002
Stddev	.00109	.00104	.00059	.00161	.00005	.00359	.00047	.00004
%RSD	6001.6	328.01	22.571	52.883	2.9715	26.056	.92187	235.59

#1	.00075	.00042	-.00219	.00190	-.00167	.01634	.05114	-.00001
#2	-.00079	-.00106	-.00303	.00417	-.00160	.01125	.05181	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	1.5611	.00018	.00116	.30121	.01200	.01541	2.7482
Stddev	.00001	.0075	.00004	.00005	.00155	.00203	.00005	.0268
%RSD	8.7151	.48040	22.707	4.1675	.51344	16.916	.33618	.97580

#1	.00011	1.5558	.00015	.00120	.30012	.01344	.01545	2.7292
#2	.00010	1.5664	.00020	.00113	.30230	.01057	.01538	2.7671

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00252	.00001	11.769	.00058	.03649	1.1817	.00002	.05847
Stddev	.00043	.00022	.028	.00002	.00079	.0230	.00008	.00825
%RSD	16.919	3230.6	.23440	3.4939	2.1615	1.9483	315.04	14.108

#1	.00222	-.00015	11.750	.00060	.03593	1.1980	-.00003	.05264
#2	.00282	.00017	11.789	.00057	.03704	1.1654	.00008	.06430

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1207	4.8111	-.00317	.00169	-.00704	.0003	.01919	<.00000
Stddev	.0097	.0044	.00017	.00039	.00039	.0000	.00005	.76839
%RSD	.45731	.09126	5.4759	23.179	5.6107	1.908	.26833	32.967

#1	2.1275	4.8080	-.00305	.00141	-.00732	.0003	.01923	-2.8741
#2	2.1138	4.8142	-.00329	.00196	-.00676	.0003	.01915	-1.7875

Sample Name: J5466-02 Acquired: 10/15/2018 17:31:30 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 381010701.1 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.89064
Stddev	.19647
%RSD	22.059

#1	1.0296
#2	.75172

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3492.4	71169.	4829.4	112.65	4495.1
Stddev	7.4	398.	29.1	2.42	3.5
%RSD	.21179	.55865	.60244	2.1469	.07721

#1	3497.6	71450.	4850.0	114.36	4492.7
#2	3487.2	70888.	4808.9	110.94	4497.6

Sample Name: J5477-01 Acquired: 10/15/2018 17:35:31 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 381010078 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00078	-.00016	-.00496	.00184	-.00161	.02126	-.00028	.00001
Stddev	.00088	.00010	.00023	.00008	.00126	.01744	.00055	.00004
%RSD	113.27	67.318	4.5846	4.5089	78.044	82.046	193.12	256.27

#1	.00140	-.00008	-.00512	.00178	-.00250	.00893	.00010	-.00001
#2	.00015	-.00023	-.00480	.00190	-.00072	.03359	-.00067	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.08260	.00052	.00008	-.00052	.00685	.00013	.02512
Stddev	.00000	.00604	.00027	.00009	.00016	.00829	.00000	.04079
%RSD	9.7494	7.3112	50.782	108.05	31.333	121.09	3.4864	162.37

#1	.00002	.07833	.00071	.00002	-.00064	.01271	.00013	-.00372
#2	.00002	.08687	.00034	.00014	-.00041	.00098	.00013	.05397

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00106	-.00010	.03099	.00004	.00998	.11766	-.00015	.00995
Stddev	.00043	.00012	.00654	.00008	.00033	.01624	.00007	.00528
%RSD	40.494	128.14	21.114	172.13	3.3011	13.805	49.148	53.074

#1	.00137	-.00018	.02637	.00010	.01022	.10617	-.00020	.01368
#2	.00076	-.00001	.03562	-.00001	.00975	.12914	-.00010	.00621

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00035	.00420	-.00214	.00030	-.00653	.0003	.00032	<.00000
Stddev	.00322	.00078	.00028	.00126	.00079	.0007	.00003	.68207
%RSD	916.29	18.699	13.290	426.39	12.098	248.6	7.8723	22.727

#1	.00263	.00364	-.00234	.00118	-.00597	.0008	.00031	-2.5189
#2	-.00192	.00475	-.00194	-.00059	-.00709	-.0002	.00034	-3.4835

Sample Name: J5477-01 Acquired: 10/15/2018 17:35:31 Type: Unk
 Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 381010078 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.43212
Stddev	.11920
%RSD	27.585

#1	.34783
#2	.51641

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3541.5	71881.	4872.8	113.24	4542.7
Stddev	6.0	807.	36.3	2.75	3.1
%RSD	.16801	1.1225	.74456	2.4301	.06783

#1	3537.3	71310.	4847.1	111.29	4544.9
#2	3545.7	72451.	4898.4	115.18	4540.5

Sample Name: CCV03 Acquired: 10/15/2018 17:39:35 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8437	4.7900	4.7696	4.8264	4.7766	9.4806	9.7067	.24083
Stddev	.0110	.0259	.0264	.0104	.0173	.0004	.0174	.00064
%RSD	.22639	.54073	.55352	.21650	.36171	.00419	.17922	.26527
#1	4.8360	4.7717	4.7509	4.8190	4.7644	9.4809	9.6944	.24128
#2	4.8515	4.8083	4.7883	4.8337	4.7889	9.4803	9.7190	.24038
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3762	25.092	.95089	2.3579	1.2150	4.7598	2.4144	24.409
Stddev	.0132	.192	.00181	.0112	.0074	.0234	.0020	.273
%RSD	.55433	.76581	.19001	.47573	.60918	.49217	.08321	1.1189
#1	2.3669	24.956	.95216	2.3500	1.2098	4.7764	2.4159	24.216
#2	2.3856	25.228	.94961	2.3659	1.2202	4.7433	2.4130	24.602
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3660	1.1843	23.920	2.3811	2.4427	24.246	4.8387	4.8885
Stddev	.0091	.0002	.023	.0043	.0243	.109	.0228	.0600
%RSD	.38295	.01680	.09610	.17997	.99443	.45149	.47047	1.2265
#1	2.3596	1.1841	23.903	2.3841	2.4598	24.169	4.8226	4.8461
#2	2.3724	1.1844	23.936	2.3780	2.4255	24.324	4.8548	4.9309
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6458	4.9588	4.7291	4.8116	5.2499	4.737	4.8310	F 3.4294
Stddev	.0330	.0218	.0306	.0317	.0191	.024	.0076	.1275
%RSD	.70997	.44032	.64755	.65928	.36282	.5132	.15713	3.7187
#1	4.6224	4.9433	4.7075	4.7892	5.2365	4.720	4.8256	3.5196
#2	4.6691	4.9742	4.7508	4.8341	5.2634	4.754	4.8363	3.3392

Sample Name: CCV03 Acquired: 10/15/2018 17:39:35 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.2079
Stddev .5936
%RSD 18.505

#1 3.6276
#2 2.7881

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3303.2	65740.	4535.2	98.152	3899.9
Stddev	13.1	31.	25.9	1.022	16.6
%RSD	.39514	.04669	.57081	1.0412	.42478

#1	3312.4	65718.	4553.5	97.430	3911.6
#2	3294.0	65761.	4516.9	98.875	3888.2

Sample Name: CCB03 Acquired: 10/15/2018 17:43:19 Type: Unk
Method: P4-ICP2(v2498) 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	.00021	.00035	-.00041	-.00087	-.00144	.00127	.00007	-.00001
Stddev	.00161	.00030	.00015	.00084	.00019	.01131	.00004	.00002
%RSD	768.08	86.108	37.579	97.458	13.196	891.90	60.619	131.37

#1	-.00093	.00057	-.00052	-.00146	-.00131	-.00673	.00004	-.00003
#2	.00135	.00014	-.00030	-.00027	-.00158	.00927	.00011	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.00538	-.00040	.00003	-.00050	.00382	.00002	.00495
Stddev	.00009	.00605	.00034	.00005	.00005	.00296	.00001	.01577
%RSD	77.527	112.39	85.497	145.40	10.858	77.515	37.079	318.55

#1	.00005	.00111	-.00064	.00006	-.00047	.00591	.00001	.01610
#2	.00017	.00966	-.00016	-.00000	-.00054	.00173	.00003	-.00620

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	-.00017	.05376	.00002	-.00034	.10702	.00075	-.00215
Stddev	.00044	.00000	.00037	.00010	.00012	.01067	.00015	.00872
%RSD	309.73	.18264	.68415	437.92	36.558	9.9734	19.959	406.42

#1	.00045	-.00017	.05350	.00009	-.00025	.09948	.00086	.00402
#2	-.00017	-.00017	.05402	-.00005	-.00042	.11457	.00064	-.00831

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00115	-.00004	-.00027	.00063	.00065	-.0010	.00002	<.00000
Stddev	.00252	.00104	.00023	.00163	.00139	.0006	.00013	.25308
%RSD	218.10	2671.5	83.568	258.42	215.33	52.86	521.44	196.68

#1	-.00293	.00069	-.00011	-.00052	.00163	-.0014	-.00007	-.30763
#2	.00063	-.00077	-.00044	.00178	-.00034	-.0007	.00011	.05028

Sample Name: CCB03 Acquired: 10/15/2018 17:43:19 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.62041
Stddev	.14703
%RSD	23.699

#1	.51645
#2	.72438

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3397.2	68546.	4582.0	103.99	4293.3
Stddev	18.2	77.	11.4	.48	14.9
%RSD	.53658	.11161	.24790	.45899	.34598

#1	3384.3	68600.	4574.0	104.33	4282.8
#2	3410.1	68492.	4590.1	103.65	4303.9

Sample Name: J5483-01 Acquired: 10/15/2018 17:47:23 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 381008031 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00177	-.00136	-.00511	.00183	-.00102	.01801	-.00033	-.00002
Stddev	.00029	.00152	.00105	.00439	.00017	.00283	.00050	.00001
%RSD	16.469	111.40	20.525	240.79	17.033	15.707	150.84	77.562

#1	-.00156	-.00029	-.00585	.00493	-.00090	.01601	.00002	-.00001
#2	-.00198	-.00243	-.00437	-.00128	-.00115	.02001	-.00068	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.07974	.00074	.00019	-.00023	.00933	.00033	-.00792
Stddev	.00000	.00156	.00014	.00003	.00012	.00880	.00001	.00267
%RSD	3.3112	1.9524	19.216	14.480	50.000	94.274	2.8032	33.655

#1	.00008	.08084	.00085	.00017	-.00032	.01555	.00033	-.00981
#2	.00008	.07864	.00064	.00021	-.00015	.00311	.00032	-.00604

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00170	-.00016	.01046	.00018	.01445	.11802	.00008	.00585
Stddev	.00042	.00017	.00804	.00029	.00015	.01097	.00018	.00893
%RSD	24.793	101.85	76.856	159.58	1.0207	9.2913	213.92	152.62

#1	.00200	-.00005	.01615	-.00002	.01455	.11027	.00021	.01216
#2	.00140	-.00028	.00478	.00039	.01434	.12578	-.00004	-.00046

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00443	.00246	-.00259	-.00028	-.00764	.0011	.00015	<.00000
Stddev	.00226	.00094	.00103	.00065	.00037	.0005	.00003	.59920
%RSD	50.983	38.165	39.609	237.01	4.7999	48.15	16.733	12.585

#1	.00603	.00180	-.00187	-.00074	-.00738	.0007	.00013	-5.1848
#2	.00284	.00312	-.00332	.00019	-.00790	.0015	.00017	-4.3374

Sample Name: J5483-01 Acquired: 10/15/2018 17:47:23 Type: Unk
 Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 381008031 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.41912
Stddev	.20744
%RSD	49.495

#1	.56580
#2	.27243

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3680.7	74429.	4978.0	113.43	4673.9
Stddev	10.7	247.	11.7	.16	2.8
%RSD	.29053	.33216	.23509	.14026	.06036

#1	3673.1	74604.	4986.3	113.32	4672.0
#2	3688.2	74254.	4969.7	113.54	4675.9

Sample Name: J5488-01 Acquired: 10/15/2018 17:51:27 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 381003089 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00067	-.00168	-.00412	.00044	-.00136	1.9599	.00997	.00025
Stddev	.00278	.00067	.00022	.00215	.00016	.0024	.00048	.00000
%RSD	416.95	39.867	5.3363	491.15	11.510	.12453	4.8618	.53760
#1	.00264	-.00215	-.00396	.00196	-.00147	1.9617	.00963	.00025
#2	-.00130	-.00120	-.00427	-.00108	-.00125	1.9582	.01031	.00024
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	19.151	.01200	.00038	.10383	.22025	.01182	5.5948
Stddev	.00005	.005	.00214	.00007	.00026	.00728	.00021	.0423
%RSD	421.76	.02475	17.797	19.231	.25223	3.3068	1.7757	.75556
#1	.00002	19.147	.01351	.00043	.10402	.21510	.01197	5.6247
#2	-.00005	19.154	.01049	.00033	.10365	.22540	.01167	5.5649
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00759	-.00006	352.72	.00088	.03253	39.290	.94130	.17538
Stddev	.00005	.00025	2.48	.00029	.00009	.120	.00086	.00713
%RSD	.71054	420.72	.70206	33.401	.28230	.30520	.09180	4.0642
#1	.00763	.00012	350.96	.00109	.03246	39.205	.94191	.17034
#2	.00755	-.00024	354.47	.00067	.03259	39.374	.94069	.18042
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19.037	3.9639	-.00829	.00370	.01724	1.283	.07041	1.4629
Stddev	.012	.0173	.00095	.00010	.00057	.000	.00022	.0170
%RSD	.06302	.43524	11.515	2.6579	3.2803	.0107	.30687	1.1588
#1	19.029	3.9761	-.00762	.00377	.01764	1.283	.07026	1.4749
#2	19.046	3.9517	-.00897	.00363	.01684	1.283	.07057	1.4509

Sample Name: J5488-01 Acquired: 10/15/2018 17:51:27 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 381003089 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.2045
Stddev	.1119
%RSD	5.0746

#1	2.1254
#2	2.2836

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3361.4	65842.	4802.7	107.20	3944.7
Stddev	5.0	79.	23.0	.04	8.1
%RSD	.14910	.11984	.47891	.03364	.20456

#1	3357.9	65898.	4819.0	107.22	3939.0
#2	3364.9	65787.	4786.4	107.17	3950.4

Sample Name: J5490-01 Acquired: 10/15/2018 17:55:34 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 381003749 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00518	-.00163	.02906	.01226	.00044	1.3986	.37735	.00015
Stddev	.00040	.00138	.00071	.00205	.00074	.0073	.00125	.00011
%RSD	7.7700	84.939	2.4538	16.712	168.59	.52582	.33214	75.940

#1	.00546	-.00065	.02957	.01371	.00096	1.3934	.37823	.00022
#2	.00489	-.00261	.02856	.01081	-.00008	1.4038	.37646	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00124	172.77	.00814	.00392	.40324	13.266	.28526	136.08
Stddev	.00011	1.18	.00101	.00018	.00083	.328	.00045	.31
%RSD	9.0753	.68072	12.382	4.4816	.20537	2.4731	.15834	.22717

#1	.00132	171.93	.00743	.00404	.40383	13.034	.28495	136.30
#2	.00116	173.60	.00885	.00379	.40266	13.498	.28558	135.86

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01653	.00209	1486.5	.00594	1.5221	88.728	.00534	.91309
Stddev	.00038	.00023	20.8	.00051	.0480	.510	.00004	.00345
%RSD	2.2763	11.129	1.4023	8.5826	3.1519	.57481	.78781	.37809

#1	.01627	.00193	1471.7	.00557	1.4882	88.367	.00537	.91553
#2	.01680	.00226	1501.2	.00630	1.5560	89.088	.00531	.91065

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 167.45	7.5681	-.05135	.00602	.05672	F 22.75	2.2016	9.3869
Stddev	.66	.0281	.00086	.00039	.00368	.11	.0076	.2265
%RSD	.39642	.37169	1.6766	6.4449	6.4873	.4726	.34365	2.4127

#1	166.98	7.5482	-.05074	.00575	.05412	22.67	2.1963	9.5470
#2	167.92	7.5879	-.05195	.00630	.05933	22.82	2.2070	9.2267

Sample Name: J5490-01 Acquired: 10/15/2018 17:55:34 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 381003749 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	7.5560
Stddev	.9001
%RSD	11.913

#1	6.9195
#2	8.1925

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2887.6	55823.	4477.8	95.622	3169.5
Stddev	14.6	34.	16.8	3.093	16.2
%RSD	.50406	.06174	.37491	3.2346	.51125

#1	2897.9	55798.	4489.7	97.809	3181.0
#2	2877.3	55847.	4465.9	93.435	3158.1

Sample Name: J5102-03 Acquired: 10/15/2018 17:59:37 Type: Unk
Method: P4-ICP2(v2498) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00272	-.00330	.38867	.00193	.00790	.13619	.19653	.00012
Stddev	.00172	.00016	.00167	.00004	.00123	.00344	.00218	.00007
%RSD	63.085	4.7413	.42875	2.1055	15.637	2.5256	1.1092	55.121

#1	-.00151	-.00319	.38749	.00190	.00877	.13862	.19807	.00008
#2	-.00394	-.00342	.38985	.00196	.00702	.13375	.19499	.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00053	8.0398	-.00035	.00146	.00062	.01507	.03749	1.0207
Stddev	.00002	.0364	.00031	.00032	.00038	.00610	.00000	.0557
%RSD	3.2988	.45253	88.414	22.208	61.600	40.479	.00185	5.4572

#1	.00052	8.0141	-.00057	.00123	.00035	.01076	.03749	.98132
#2	.00054	8.0656	-.00013	.00168	.00089	.01939	.03749	1.0601

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00156	.00002	312.39	.00072	.16500	.91901	.00030	.05025
Stddev	.00035	.00045	1.50	.00013	.00039	.00902	.00004	.01731
%RSD	22.452	2651.1	.48172	18.033	.23809	.98129	11.570	34.452

#1	.00181	.00034	311.33	.00063	.16473	.92538	.00033	.06249
#2	.00132	-.00030	313.46	.00081	.16528	.91263	.00028	.03801

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60605	.84328	-.00098	-.00092	.00204	.0015	.02922	4.9668
Stddev	.00463	.00517	.00103	.00283	.00028	.0005	.00030	.3124
%RSD	.76442	.61253	105.31	306.11	13.523	35.47	1.0117	6.2888

#1	.60932	.84694	-.00025	.00108	.00184	.0011	.02943	5.1877
#2	.60277	.83963	-.00171	-.00293	.00223	.0019	.02901	4.7460

Sample Name: J5102-03 Acquired: 10/15/2018 17:59:37 Type: Unk
 Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: C-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.6889
 Stddev .1167
 %RSD 6.9113

#1 1.6063
 #2 1.7714

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3181.5	61500.	4418.1	99.150	3763.3
Stddev	23.8	198.	29.7	.024	8.9
%RSD	.74815	.32250	.67192	.02377	.23706

#1	3164.6	61360.	4397.1	99.167	3756.9
#2	3198.3	61641.	4439.1	99.133	3769.6

Sample Name: J5198-12 Acquired: 10/15/2018 18:03:45 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-101218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00126	-.00298	.00460	.00273	-.00188	.06779	.10139	.00007
Stddev	.00374	.00169	.00025	.00238	.00009	.00006	.00115	.00001
%RSD	297.76	56.618	5.3612	87.125	4.7445	.08991	1.1367	9.5329

#1	-.00390	-.00417	.00477	.00105	-.00182	.06775	.10058	.00007
#2	.00139	-.00179	.00442	.00441	-.00195	.06783	.10221	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	25.885	.00005	.00583	.00472	.02193	.66526	2.5183
Stddev	.00003	.036	.00002	.00018	.00014	.00745	.00073	.0545
%RSD	9.3664	.14082	31.186	3.0415	3.0181	33.979	.11044	2.1643

#1	.00030	25.859	.00004	.00571	.00462	.01666	.66474	2.4798
#2	.00027	25.910	.00007	.00596	.00482	.02720	.66578	2.5569

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00289	.00026	246.73	.00051	.04261	1.2045	-.00004	.01986
Stddev	.00016	.00015	1.71	.00034	.00067	.0477	.00005	.01272
%RSD	5.6021	59.100	.69249	66.218	1.5692	3.9613	121.18	64.056

#1	.00300	.00015	245.52	.00074	.04213	1.1708	-.00007	.02885
#2	.00277	.00036	247.94	.00027	.04308	1.2383	-.00001	.01086

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16126	.95567	.00028	.00150	-.00001	.0015	.09230	4.4153
Stddev	.00284	.00138	.00105	.00082	.00093	.0033	.00053	.2167
%RSD	1.7623	.14394	370.40	54.852	12376.	211.9	.57125	4.9089

#1	.16326	.95470	.00103	.00092	-.00067	-.0008	.09193	4.5686
#2	.15925	.95664	-.00046	.00208	.00065	.0039	.09268	4.2620

Sample Name: J5198-12 Acquired: 10/15/2018 18:03:45 Type: Unk
 Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-101218 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.4507
 Stddev .1150
 %RSD 4.6939

#1 2.3694
 #2 2.5320

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3241.4	63255.	4536.6	101.43	3842.5
Stddev	8.4	166.	.7	1.19	20.5
%RSD	.25856	.26247	.01523	1.1735	.53425

#1	3235.4	63137.	4537.1	102.28	3828.0
#2	3247.3	63372.	4536.1	100.59	3857.0

Sample Name: J5198-12DUP Acquired: 10/15/2018 18:07:54 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-101218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	-.00275	.00536	.00308	-.00223	.07415	.10144	.00011
Stddev	.00153	.00126	.00035	.00066	.00061	.00930	.00004	.00002
%RSD	502.01	45.806	6.4739	21.435	27.166	12.547	.03876	21.412

#1	-.00078	-.00186	.00512	.00355	-.00180	.06757	.10147	.00012
#2	.00139	-.00364	.00561	.00261	-.00266	.08072	.10141	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	25.867	.00034	.00588	.00477	.01788	.66658	2.4185
Stddev	.00005	.003	.00023	.00000	.00004	.00408	.00081	.0392
%RSD	20.300	.01154	66.199	.00567	.91650	22.848	.12213	1.6226

#1	.00029	25.869	.00051	.00588	.00474	.02077	.66716	2.3907
#2	.00022	25.865	.00018	.00588	.00480	.01499	.66601	2.4462

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00320	-.00044	247.92	.00098	.04368	1.2005	-.00004	.01132
Stddev	.00027	.00056	.10	.00022	.00093	.0135	.00010	.01423
%RSD	8.5655	126.66	.04081	22.545	2.1210	1.1248	224.71	125.67

#1	.00301	-.00084	247.85	.00113	.04303	1.2101	-.00011	.02138
#2	.00340	-.00005	247.99	.00082	.04434	1.1910	.00003	.00126

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15057	.94786	-.00037	.00208	-.00058	.0024	.09210	3.8648
Stddev	.00348	.01144	.00060	.00284	.00116	.0003	.00013	.2905
%RSD	2.3116	1.2065	162.40	136.76	200.40	11.02	.13573	7.5159

#1	.14811	.93977	-.00079	.00408	.00024	.0026	.09219	4.0702
#2	.15303	.95595	.00005	.00007	-.00140	.0022	.09201	3.6594

Sample Name: J5198-12DUP Acquired: 10/15/2018 18:07:54 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-101218 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.9086
Stddev	.0625
%RSD	3.2773

#1	1.9528
#2	1.8644

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3238.6	63110.	4555.2	99.179	3824.3
Stddev	20.3	215.	35.0	1.892	16.5
%RSD	.62547	.34064	.76768	1.9072	.43242

#1	3224.3	62958.	4580.0	100.52	3812.6
#2	3252.9	63262.	4530.5	97.842	3836.0

Sample Name: J5198-12LX5 Acquired: 10/15/2018 18:12:02 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00096	-.00060	-.00199	.00050	-.00067	.02458	.02084	-.00000
Stddev	.00180	.00006	.00039	.00061	.00055	.00315	.00015	.00001
%RSD	187.24	10.661	19.487	122.43	81.912	12.830	.72971	4154.2

#1	.00224	-.00065	-.00227	.00007	-.00105	.02681	.02095	-.00001
#2	-.00031	-.00055	-.00172	.00093	-.00028	.02235	.02074	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	5.3802	-.00048	.00140	.00047	-.00178	.14032	.50349
Stddev	.00003	.0137	.00013	.00010	.00007	.00928	.00031	.05755
%RSD	137.91	.25483	27.792	6.9037	14.291	520.98	.21875	11.430

#1	.00004	5.3706	-.00057	.00133	.00042	.00478	.14010	.46280
#2	.00000	5.3899	-.00039	.00147	.00052	-.00834	.14054	.54419

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00058	-.00012	52.375	.00064	.00825	.30192	-.00021	.01196
Stddev	.00012	.00039	.257	.00021	.00006	.01324	.00014	.00381
%RSD	19.978	316.03	.49090	32.737	.73675	4.3851	67.359	31.886

#1	.00066	.00015	52.193	.00079	.00830	.29256	-.00011	.01466
#2	.00049	-.00040	52.557	.00049	.00821	.31128	-.00031	.00926

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03415	.20220	-.00113	.00188	.00120	-.0002	.01903	1.4772
Stddev	.00414	.00721	.00080	.00035	.00048	.0001	.00002	.8025
%RSD	12.118	3.5669	70.723	18.450	40.009	60.58	.08465	54.323

#1	.03122	.19710	-.00170	.00212	.00154	-.0001	.01905	2.0447
#2	.03708	.20730	-.00057	.00163	.00086	-.0003	.01902	.90978

Sample Name: J5198-12LX5 Acquired: 10/15/2018 18:12:02 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.1489
Stddev .3856
%RSD 33.568

#1 1.4216
#2 .87618

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3375.9	66262.	4564.0	103.41	4104.9
Stddev	10.1	496.	27.7	.34	12.8
%RSD	.30001	.74859	.60622	.33172	.31258

#1	3368.8	65911.	4583.5	103.17	4114.0
#2	3383.1	66613.	4544.4	103.65	4095.8

Sample Name: J5198-12MS Acquired: 10/15/2018 18:16:05 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-101218 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	.81117	1.9425	.99007	2.0318	.79703	2.1091	.30929	.20343	.20100
Stddev	.00301	.0002	.00461	.0134	.00255	.0163	.00073	.00030	.00066
%RSD	.37077	.01005	.46605	.65686	.32052	.77206	.23562	.14731	.32954

#1	.80905	1.9426	.98681	2.0224	.79522	2.0976	.30981	.20322	.20053
#2	.81330	1.9423	.99334	2.0412	.79883	2.1206	.30878	.20364	.20147

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.812	.41671	.20841	.31159	2.9973	.86107	4.5327	.50595	.07243
Stddev	.065	.00039	.00120	.00161	.0376	.00092	.0103	.00068	.00012
%RSD	.24372	.09410	.57665	.51674	1.2537	.10639	.22730	.13495	.16914

#1	26.766	.41643	.20756	.31045	2.9708	.86043	4.5254	.50547	.07252
#2	26.858	.41699	.20926	.31272	3.0239	.86172	4.5400	.50643	.07235

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	248.43	.31582	.24196	11.546	.42650	.32462	.13527	1.9372	.71498
Stddev	.63	.00097	.00137	.014	.00287	.00561	.00470	.0129	.00577
%RSD	.25477	.30583	.56572	.12451	.67279	1.7293	3.4719	.66575	.80653

#1	248.87	.31514	.24099	11.557	.42447	.32858	.13195	1.9463	.71090
#2	247.98	.31651	.24293	11.536	.42853	.32065	.13859	1.9281	.71906

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21148	.22420	5.986	.29111	4.5205	1.0144
Stddev	.00074	.00164	.022	.00046	.0509	.3022
%RSD	.35169	.72996	.3624	.15940	1.1261	29.792

#1	.21201	.22535	5.971	.29144	4.5565	.80074
#2	.21096	.22304	6.001	.29078	4.4845	1.2281

Sample Name: J5198-12MS Acquired: 10/15/2018 18:16:05 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-101218 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	3243.1	63403.	4461.3	100.24	3819.1
Stddev	3.8	125.	36.0	.15	1.6
%RSD	.11736	.19672	.80797	.14488	.04102
#1	3245.8	63315.	4435.8	100.34	3818.0
#2	3240.4	63491.	4486.8	100.14	3820.2

Sample Name: J5198-12MSD Acquired: 10/15/2018 18:19:59 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-101218 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	.81280	1.9576	.99483	2.0369	.80311	2.1674	.31198	.20749	.20258
Stddev	.00593	.0011	.00103	.0032	.00068	.0271	.00109	.00043	.00016
%RSD	.72936	.05516	.10316	.15827	.08497	1.2492	.35078	.20650	.07721

#1	.81699	1.9568	.99410	2.0346	.80262	2.1483	.31276	.20779	.20247
#2	.80861	1.9584	.99555	2.0392	.80359	2.1865	.31121	.20719	.20269

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.956	.42355	.20967	.31270	3.0403	.86910	4.5529	.50979	.07274
Stddev	.054	.00082	.00017	.00029	.0071	.00192	.0219	.00087	.00044
%RSD	.20205	.19392	.08111	.09333	.23434	.22111	.48047	.17091	.60643

#1	26.995	.42297	.20955	.31250	3.0454	.87046	4.5374	.50917	.07305
#2	26.918	.42413	.20979	.31291	3.0353	.86774	4.5683	.51040	.07243

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	247.25	.32183	.24180	11.672	.42891	.32722	.13836	1.9520	.71928
Stddev	1.67	.00057	.00048	.035	.00027	.00727	.00135	.0290	.00044
%RSD	.67661	.17792	.19661	.29605	.06382	2.2221	.97627	1.4845	.06131

#1	248.43	.32223	.24213	11.696	.42872	.33236	.13931	1.9725	.71959
#2	246.07	.32142	.24146	11.648	.42910	.32208	.13740	1.9316	.71896

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21630	.22785	6.002	.29433	4.3284	.73002
Stddev	.00246	.00158	.008	.00122	.1564	.01304
%RSD	1.1392	.69284	.1375	.41500	3.6129	1.7857

#1	.21804	.22897	6.007	.29520	4.4389	.73924
#2	.21456	.22673	5.996	.29347	4.2178	.72080

Sample Name: J5198-12MSD Acquired: 10/15/2018 18:19:59 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-101218 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	3256.4	63217.	4479.9	100.83	3827.9
Stddev	4.1	136.	37.7	.40	7.5
%RSD	.12491	.21457	.84130	.39755	.19493
#1	3253.6	63121.	4453.3	100.54	3822.6
#2	3259.3	63313.	4506.6	101.11	3833.2

Sample Name: J5198-12A Acquired: 10/15/2018 18:23:54 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7567 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	.80782	1.9477	.99263	2.0150	.79431	2.1514	.30918	.20626	.20173
Stddev	.00070	.0095	.00344	.0131	.00221	.0188	.00006	.00194	.00075
%RSD	.08637	.48785	.34701	.65135	.27777	.87504	.01822	.93969	.36985

#1	.80832	1.9410	.99020	2.0057	.79275	2.1380	.30922	.20489	.20120
#2	.80733	1.9545	.99507	2.0242	.79587	2.1647	.30914	.20763	.20225

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.792	.42438	.20899	.31032	3.0867	.86471	4.5574	.50809	.07170
Stddev	.043	.00521	.00077	.00159	.0159	.01009	.0875	.00143	.00052
%RSD	.16149	1.2271	.36694	.51285	.51527	1.1663	1.9189	.28137	.71849

#1	26.762	.42070	.20845	.30920	3.0754	.85757	4.4955	.50708	.07133
#2	26.823	.42807	.20953	.31145	3.0979	.87184	4.6192	.50911	.07206

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	248.22	.32002	.24592	11.581	.42661	.32837	.13220	1.9411	.71626
Stddev	.16	.00456	.00219	.002	.00269	.00165	.00034	.0095	.00433
%RSD	.06257	1.4262	.88869	.01769	.63060	.50230	.25508	.48912	.60514

#1	248.11	.31679	.24437	11.583	.42471	.32720	.13244	1.9478	.71320
#2	248.33	.32324	.24746	11.580	.42851	.32953	.13196	1.9344	.71933

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21406	.22663	5.967	.29190	4.0355	.64987
Stddev	.00440	.00090	.024	.00014	.6932	.37083
%RSD	2.0556	.39627	.3966	.04665	17.178	57.062

#1	.21095	.22726	5.950	.29200	3.5453	.38766
#2	.21717	.22599	5.983	.29181	4.5256	.91208

Sample Name: J5198-12A Acquired: 10/15/2018 18:23:54 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7567 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	3280.4	63605.	4499.2	99.427	3847.4
Stddev	3.2	689.	8.0	.617	2.2
%RSD	.09798	1.0836	.17805	.62076	.05839
#1	3282.7	64092.	4504.8	99.863	3849.0
#2	3278.1	63118.	4493.5	98.991	3845.8

Sample Name: CCV04 Acquired: 10/15/2018 18:27:48 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13999 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7720	4.8675	4.8535	4.8433	4.7947	9.8394	9.6745	.24928
Stddev	.0226	.0105	.0010	.0212	.0209	.1804	.0967	.00291
%RSD	.47326	.21664	.01977	.43797	.43504	1.8333	.99999	1.1654
#1	4.7880	4.8750	4.8528	4.8583	4.8095	9.7118	9.7429	.24722
#2	4.7560	4.8601	4.8542	4.8283	4.7800	9.9669	9.6061	.25133
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4356	25.491	1.0009	2.4012	1.2085	4.8012	2.5136	24.498
Stddev	.0011	.046	.0103	.0001	.0072	.0930	.0308	.144
%RSD	.04500	.18078	1.0240	.00211	.59463	1.9374	1.2264	.58608
#1	2.4364	25.459	.99364	2.4012	1.2136	4.8670	2.4918	24.600
#2	2.4348	25.524	1.0081	2.4011	1.2035	4.7354	2.5354	24.397
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3997	1.2094	23.822	2.4695	2.4556	24.234	4.8336	4.9204
Stddev	.0027	.0132	.241	.0265	.0386	.176	.0147	.0584
%RSD	.11448	1.0925	1.0099	1.0724	1.5714	.72672	.30478	1.1869
#1	2.4016	1.2000	23.992	2.4507	2.4829	24.359	4.8440	4.9617
#2	2.3977	1.2187	23.652	2.4882	2.4283	24.110	4.8232	4.8791
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7328	4.9921	4.8205	4.8489	5.2575	4.800	4.8583	F 3.5940
Stddev	.0060	.0548	.0000	.0187	.0409	.018	.0473	.4746
%RSD	.12773	1.0983	.00088	.38655	.77864	.3663	.97402	13.205
#1	4.7371	5.0309	4.8205	4.8621	5.2864	4.812	4.8917	3.2584
#2	4.7285	4.9534	4.8206	4.8356	5.2285	4.787	4.8248	3.9296

Sample Name: CCV04 Acquired: 10/15/2018 18:27:48 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13999 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.6014
Stddev .2802
%RSD 7.7799

#1 3.4033
#2 3.7995

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3365.8	64626.	4581.7	99.347	3906.9
Stddev	18.4	732.	44.1	1.775	11.2
%RSD	.54540	1.1330	.96192	1.7870	.28774

#1	3352.8	65144.	4550.6	98.091	3899.0
#2	3378.8	64108.	4612.9	100.60	3914.9

Sample Name: CCB04 Acquired: 10/15/2018 18:31:31 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13999 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	.00057	-.00238	.00271	.00026	.00785	.00061	-.00006
Stddev	.00335	.00032	.00033	.00030	.00079	.00084	.00060	.00007
%RSD	303.24	55.909	13.682	11.173	304.66	10.764	99.218	118.63
#1	.00347	.00035	-.00215	.00293	-.00030	.00844	.00018	-.00010
#2	-.00126	.00080	-.00261	.00250	.00082	.00725	.00103	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	.01489	-.00021	.00017	-.00069	-.00749	.00010	-.00503
Stddev	.00004	.01631	.00042	.00028	.00015	.00138	.00007	.01940
%RSD	25.482	109.51	197.54	166.52	22.301	18.396	66.012	385.32
#1	.00012	.02643	.00008	-.00003	-.00058	-.00847	.00015	.00868
#2	.00017	.00336	-.00051	.00037	-.00080	-.00652	.00006	-.01875
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	-.00017	.08433	.00020	-.00054	.04533	.00099	-.00417
Stddev	.00016	.00007	.00344	.00002	.00002	.05658	.00026	.00768
%RSD	90.401	43.965	4.0817	7.6512	3.2125	124.81	26.539	184.33
#1	.00030	-.00011	.08676	.00022	-.00055	.08534	.00117	.00126
#2	.00007	-.00022	.08189	.00019	-.00053	.00533	.00080	-.00960
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00135	-.00329	-.00097	.00104	.00130	-.0017	.00000	F .99156
Stddev	.00029	.00102	.00046	.00016	.00158	.0007	.00005	.86555
%RSD	21.052	30.923	47.001	15.477	121.33	39.96	1634.8	87.292
#1	-.00156	-.00401	-.00065	.00115	.00241	-.0022	-.00003	1.6036
#2	-.00115	-.00257	-.00129	.00092	.00018	-.0012	.00004	.37952

Sample Name: CCB04 Acquired: 10/15/2018 18:31:31 Type: Unk
 Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB13999 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.0820
Stddev	.0264
%RSD	2.4378

#1	1.0633
#2	1.1006

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3505.7	67172.	4604.8	103.75	4366.1
Stddev	12.4	1176.	18.2	.09	15.0
%RSD	.35377	1.7506	.39520	.09087	.34336

#1	3496.9	66340.	4592.0	103.82	4355.5
#2	3514.5	68003.	4617.7	103.68	4376.7

Sample Name: J5198-14 Acquired: 10/15/2018 18:35:35 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-101218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	-.00257	.00252	.00535	-.00111	.12841	.10101	.00002
Stddev	.00064	.00019	.00051	.00306	.00121	.01656	.00136	.00004
%RSD	216.03	7.4626	20.093	57.237	108.72	12.899	1.3443	209.44

#1	.00016	-.00243	.00287	.00752	-.00197	.11670	.10197	-.00001
#2	-.00074	-.00270	.00216	.00319	-.00026	.14013	.10005	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	27.986	-.00060	.00471	.00639	.04243	.64598	3.0135
Stddev	.00005	.254	.00023	.00000	.00026	.00922	.00012	.0155
%RSD	15.766	.90583	39.021	.06459	4.0258	21.733	.01813	.51505

#1	.00026	28.165	-.00043	.00471	.00621	.04895	.64606	3.0026
#2	.00032	27.806	-.00076	.00471	.00657	.03591	.64590	3.0245

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00280	.00025	238.69	.00082	.03092	.91907	.00033	.01300
Stddev	.00009	.00018	1.31	.00046	.00004	.02406	.00007	.01057
%RSD	3.1796	71.269	.54869	56.315	.13667	2.6181	21.429	81.290

#1	.00286	.00012	239.61	.00049	.03095	.90206	.00028	.00553
#2	.00274	.00038	237.76	.00114	.03089	.93609	.00038	.02047

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29493	1.6250	-.00028	.00153	.00189	.0028	.11487	3.8625
Stddev	.00004	.0039	.00118	.00074	.00077	.0011	.00020	.3341
%RSD	.01434	.23976	422.22	48.546	40.965	40.58	.17044	8.6488

#1	.29496	1.6223	-.00111	.00205	.00134	.0036	.11501	4.0988
#2	.29490	1.6278	.00055	.00100	.00243	.0020	.11474	3.6263

Sample Name: J5198-14 Acquired: 10/15/2018 18:35:35 Type: Unk
 Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-101218 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.5154
Stddev	.8215
%RSD	32.658

#1	1.9346
#2	3.0963

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3311.2	63160.	4548.7	100.35	3884.7
Stddev	14.4	356.	17.4	.36	17.3
%RSD	.43592	.56364	.38312	.35818	.44594

#1	3301.0	62908.	4536.3	100.10	3872.4
#2	3321.4	63412.	4561.0	100.61	3896.9

Sample Name: J5198-16 Acquired: 10/15/2018 18:39:43 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-101218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00372	-.00372	.00165	.00704	-.00139	.16801	.14019	.00003
Stddev	.00201	.00012	.00069	.00054	.00150	.02171	.00034	.00008
%RSD	54.017	3.2025	41.726	7.6624	107.28	12.919	.23927	238.19

#1	-.00515	-.00364	.00116	.00666	-.00034	.15267	.13995	.00009
#2	-.00230	-.00381	.00214	.00742	-.00245	.18336	.14043	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00033	20.003	-.00034	.00587	.00511	.06201	.58882	2.2795
Stddev	.00005	.019	.00017	.00002	.00035	.00878	.00067	.0786
%RSD	16.044	.09653	51.514	.37731	6.8338	14.166	.11364	3.4494

#1	.00037	20.016	-.00021	.00586	.00486	.05580	.58929	2.2239
#2	.00029	19.989	-.00046	.00589	.00535	.06822	.58835	2.3351

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00359	.00047	350.59	.00088	.03082	1.7806	-.00008	.01772
Stddev	.00016	.00042	1.17	.00040	.00061	.0124	.00015	.00321
%RSD	4.5839	89.668	.33400	44.850	1.9883	.69822	188.20	18.125

#1	.00347	.00017	349.77	.00117	.03126	1.7894	.00003	.01999
#2	.00370	.00077	351.42	.00060	.03039	1.7718	-.00018	.01545

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23069	.98298	-.00112	.00277	.00185	.0051	.06954	4.3805
Stddev	.00293	.00850	.00088	.00141	.00123	.0006	.00018	.0458
%RSD	1.2681	.86456	79.019	50.787	66.573	11.68	.26200	1.0466

#1	.22862	.97697	-.00049	.00377	.00273	.0055	.06967	4.3481
#2	.23276	.98899	-.00174	.00178	.00098	.0046	.06942	4.4129

Sample Name: J5198-16 Acquired: 10/15/2018 18:39:43 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-101218 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.7953
Stddev .2891
%RSD 10.344

#1 2.5908
#2 2.9997

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3283.7	62263.	4537.2	101.50	3798.2
Stddev	5.0	225.	2.9	2.14	16.1
%RSD	.15182	.36115	.06319	2.1073	.42322

#1	3280.1	62104.	4539.3	99.992	3786.8
#2	3287.2	62422.	4535.2	103.02	3809.6

Sample Name: J5198-18 Acquired: 10/15/2018 18:43:51 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-101218 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	-.00444	.00205	.00384	-.00171	.14438	.14966	.00012
Stddev	.00322	.00033	.00003	.00189	.00001	.01027	.00103	.00010
%RSD	230.20	7.3875	1.7053	49.205	.79466	7.1118	.68722	80.455

#1	-.00368	-.00421	.00207	.00250	-.00170	.15164	.14894	.00005
#2	.00088	-.00468	.00202	.00517	-.00172	.13712	.15039	.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	18.117	.00002	.00530	.00973	.03448	1.1134	2.8432
Stddev	.00009	.109	.00012	.00028	.00017	.00036	.0015	.0256
%RSD	38.211	.59916	565.32	5.3425	1.7883	1.0450	.13428	.90095

#1	.00018	18.040	.00011	.00550	.00961	.03423	1.1145	2.8613
#2	.00031	18.194	-.00007	.00509	.00985	.03474	1.1124	2.8251

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00219	.00004	338.77	.00074	.02655	.85940	.00033	.01494
Stddev	.00023	.00004	3.79	.00014	.00027	.03080	.00033	.00449
%RSD	10.597	93.427	1.1177	18.969	1.0241	3.5839	100.76	30.057

#1	.00235	.00001	336.09	.00064	.02674	.83762	.00056	.01177
#2	.00203	.00006	341.45	.00083	.02635	.88118	.00009	.01812

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38124	.93318	.00026	.00180	.00270	.0032	.07815	4.4525
Stddev	.00195	.00032	.00089	.00089	.00193	.0008	.00025	.2543
%RSD	.51266	.03378	336.91	49.445	71.350	24.58	.31542	5.7123

#1	.38262	.93296	-.00036	.00244	.00134	.0027	.07797	4.6323
#2	.37985	.93340	.00089	.00117	.00406	.0038	.07832	4.2726

Sample Name: J5198-18 Acquired: 10/15/2018 18:43:51 Type: Unk
 Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-101218 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.4071
Stddev	.2563
%RSD	10.646

#1	2.5883
#2	2.2259

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3298.1	62360.	4528.8	99.108	3805.6
Stddev	27.3	220.	22.6	1.002	32.5
%RSD	.82817	.35328	.49970	1.0107	.85294

#1	3278.8	62204.	4544.8	98.400	3782.7
#2	3317.4	62515.	4512.8	99.817	3828.6

Sample Name: J5198-20 Acquired: 10/15/2018 18:47:59 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-101218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00058	-.00393	.00104	.00258	.00005	.14780	.09043	.00011
Stddev	.00032	.00121	.00018	.00131	.00140	.00101	.00066	.00013
%RSD	54.084	30.763	17.766	51.051	2913.0	.68303	.72655	114.67

#1	-.00081	-.00308	.00091	.00350	.00103	.14709	.08996	.00002
#2	-.00036	-.00479	.00117	.00165	-.00094	.14851	.09089	.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	22.686	.00017	.00309	.00491	.13629	.57280	1.6345
Stddev	.00005	.167	.00005	.00009	.00020	.00847	.00049	.0650
%RSD	17.328	.73511	32.409	2.8342	4.0441	6.2176	.08514	3.9770

#1	.00032	22.568	.00020	.00315	.00505	.14228	.57246	1.5885
#2	.00025	22.804	.00013	.00302	.00476	.13030	.57315	1.6805

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00395	-.00018	265.23	.00089	.05511	.73933	.00012	.01891
Stddev	.00055	.00012	3.60	.00019	.00126	.03167	.00021	.00179
%RSD	13.965	68.388	1.3557	21.349	2.2815	4.2831	174.36	9.4564

#1	.00356	-.00026	262.69	.00075	.05600	.76172	.00026	.01764
#2	.00434	-.00009	267.77	.00102	.05422	.71693	-.00003	.02017

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27466	1.4684	-.00090	.00023	.00153	.0010	.07514	3.5416
Stddev	.00236	.0044	.00026	.00002	.00011	.0016	.00017	.1158
%RSD	.85930	.29959	28.229	10.957	7.0554	161.2	.22192	3.2686

#1	.27633	1.4653	-.00108	.00024	.00145	-.0001	.07526	3.6234
#2	.27299	1.4715	-.00072	.00021	.00161	.0022	.07502	3.4597

Sample Name: J5198-20 Acquired: 10/15/2018 18:47:59 Type: Unk
 Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-101218 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.5474
 Stddev .4075
 %RSD 15.997

#1 2.8355
 #2 2.2592

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3317.0	63261.	4530.8	99.175	3866.7
Stddev	10.0	65.	6.7	2.605	6.8
%RSD	.30110	.10275	.14890	2.6262	.17533

#1	3309.9	63215.	4535.5	97.333	3861.9
#2	3324.1	63307.	4526.0	101.02	3871.5

Sample Name: J5509-03 Acquired: 10/15/2018 18:52:07 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MS-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	-.00323	-.00344	-.00333	.00353	.00004	.36382	.04507	.00001
Stddev	.00066	.00216	.00017	.00069	.00082	.01281	.00031	.00003
%RSD	20.488	62.808	4.9687	19.599	2075.5	3.5211	.67927	248.86

#1	-.00370	-.00191	-.00322	.00402	-.00054	.37288	.04485	.00004
#2	-.00276	-.00497	-.00345	.00304	.00062	.35477	.04529	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.40934	.00076	.00018	.00585	.32795	.01244	.06408
Stddev	.00003	.00120	.00026	.00014	.00000	.00742	.00008	.02138
%RSD	22.057	.29317	33.851	76.863	.03572	2.2616	.67748	33.369

#1	.00014	.41019	.00094	.00029	.00585	.32271	.01238	.04896
#2	.00010	.40849	.00058	.00008	.00585	.33319	.01250	.07920

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00106	-.00021	301.37	.00060	.01967	.22334	.00026	.00737
Stddev	.00047	.00023	1.13	.00024	.00033	.00414	.00012	.00005
%RSD	44.413	111.28	.37655	40.305	1.6623	1.8533	47.643	.69018

#1	.00073	-.00037	300.57	.00077	.01944	.22627	.00035	.00741
#2	.00139	-.00004	302.17	.00043	.01991	.22042	.00017	.00733

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33670	.38700	-.00006	.01787	.00099	.0042	.00572	2.5990
Stddev	.00060	.00176	.00025	.00245	.00000	.0024	.00009	.6631
%RSD	.17806	.45445	410.00	13.722	.48566	57.45	1.5510	25.514

#1	.33712	.38824	-.00024	.01614	.00099	.0059	.00566	3.0679
#2	.33628	.38575	.00012	.01961	.00100	.0025	.00579	2.1301

Sample Name: J5509-03 Acquired: 10/15/2018 18:52:07 Type: Unk
 Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MS-SOIL Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.1877
 Stddev .0961
 %RSD 4.3920

#1 2.1198
 #2 2.2557

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3339.2	64005.	4557.4	100.74	3889.6
Stddev	8.9	551.	11.2	1.14	13.3
%RSD	.26560	.86085	.24529	1.1289	.34083

#1	3332.9	63615.	4549.5	101.54	3880.2
#2	3345.5	64394.	4565.3	99.933	3898.9

Sample Name: J5383-02 Acquired: 10/15/2018 18:56:18 Type: Unk
Method: P4-ICP2(v2498) 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	.00069	-.00014	-.00422	.00091	-.00208	.00577	.01060	.00006
Stddev	.00321	.00037	.00067	.00099	.00107	.00617	.00046	.00006
%RSD	463.50	264.12	15.819	109.19	51.231	106.88	4.2923	105.98

#1	.00296	.00012	-.00374	.00161	-.00284	.01014	.01028	.00010
#2	-.00158	-.00040	-.00469	.00021	-.00133	.00141	.01093	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	24.636	.00000	.00001	.00027	.00313	.00044	10.630
Stddev	.00003	.011	.00069	.00008	.00025	.01208	.00000	.054
%RSD	308.73	.04619	16041.	1073.1	94.627	385.45	.88020	.50787

#1	-.00003	24.628	-.00048	-.00005	.00009	-.00541	.00044	10.592
#2	.00001	24.644	.00049	.00006	.00045	.01168	.00045	10.668

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00044	-.00019	67.445	.00146	-.00062	3.4492	.00031	.03912
Stddev	.00001	.00008	.682	.00025	.00001	.0173	.00004	.00343
%RSD	1.8151	39.874	1.0112	17.288	2.1671	.50257	12.858	8.7806

#1	.00045	-.00025	67.927	.00164	-.00063	3.4370	.00034	.03669
#2	.00044	-.00014	66.963	.00128	-.00061	3.4615	.00029	.04155

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0084	1.0028	-.00477	-.00211	-.00449	.0457	.13348	<.00000
Stddev	.0140	.0055	.00087	.00022	.00177	.0008	.00066	.28112
%RSD	.19955	.55260	18.192	10.201	39.373	1.856	.49475	11.725

#1	6.9986	1.0067	-.00415	-.00196	-.00324	.0451	.13394	-2.5964
#2	7.0183	.99888	-.00538	-.00227	-.00574	.0463	.13301	-2.1988

Sample Name: J5383-02 Acquired: 10/15/2018 18:56:18 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.0411
Stddev .3968
%RSD 19.439

#1 1.7606
#2 2.3217

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3675.0	70600.	4961.8	111.94	4421.7
Stddev	14.3	12.	33.1	3.40	4.6
%RSD	.38802	.01634	.66629	3.0403	.10417

#1	3685.0	70608.	4938.4	114.35	4425.0
#2	3664.9	70592.	4985.2	109.53	4418.5

Sample Name: J5383-03 Acquired: 10/15/2018 19:00:20 Type: Unk
Method: P4-ICP2(v2498) 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	-.00026	.00017	-.00492	.00167	-.00297	.00755	.01045	.00013
Stddev	.00345	.00065	.00021	.00307	.00109	.00267	.00007	.00003
%RSD	1332.3	381.78	4.2200	183.50	36.546	35.316	.66970	22.087

#1	-.00270	-.00029	-.00507	.00385	-.00374	.00567	.01040	.00011
#2	.00218	.00063	-.00477	-.00050	-.00220	.00944	.01050	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	24.238	-.00050	.00010	.00066	.00677	.00047	10.157
Stddev	.00009	.068	.00041	.00006	.00033	.00232	.00001	.064
%RSD	606.72	.27978	82.034	58.108	50.622	34.180	1.6363	.63107

#1	-.00008	24.286	-.00021	.00006	.00042	.00514	.00048	10.202
#2	.00005	24.190	-.00080	.00013	.00089	.00841	.00046	10.112

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00111	-.00027	64.471	.00130	-.00076	3.3529	.00022	.03419
Stddev	.00021	.00005	.023	.00018	.00011	.0088	.00018	.01223
%RSD	18.544	18.972	.03498	13.829	14.886	.26141	81.379	35.761

#1	.00126	-.00023	64.487	.00143	-.00068	3.3591	.00035	.04283
#2	.00097	-.00031	64.455	.00117	-.00084	3.3467	.00009	.02554

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.5489	.99490	-.00476	.00041	-.00424	.0446	.13035	<.00000
Stddev	.2401	.00552	.00197	.00046	.00110	.0013	.00006	.18794
%RSD	3.6660	.55453	41.418	114.13	25.952	2.949	.04422	8.9062

#1	6.3791	.99100	-.00616	.00073	-.00346	.0436	.13040	-2.2431
#2	6.7186	.99880	-.00337	.00008	-.00502	.0455	.13031	-1.9773

Sample Name: J5383-03 Acquired: 10/15/2018 19:00:20 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.8951
Stddev .3656
%RSD 19.291

#1 1.6366
#2 2.1537

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3767.3	70018.	4955.4	113.56	4538.2
Stddev	137.5	114.	2.2	1.04	168.8
%RSD	3.6493	.16225	.04416	.91399	3.7188

#1	3864.6	70099.	4957.0	114.29	4657.6
#2	3670.1	69938.	4953.9	112.83	4418.9

Sample Name: J5383-04 Acquired: 10/15/2018 19:04:23 Type: Unk
Method: P4-ICP2(v2498) 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	.00032	-.00152	-.00397	.00209	-.00194	.00943	.01163	.00013
Stddev	.00157	.00153	.00110	.00103	.00098	.00814	.00017	.00003
%RSD	492.84	100.62	27.582	49.247	50.491	86.380	1.4585	24.737

#1	-.00079	-.00261	-.00475	.00136	-.00125	.00367	.01175	.00016
#2	.00143	-.00044	-.00320	.00281	-.00263	.01519	.01151	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	25.771	-.00077	.00003	.00049	.00015	.00105	14.260
Stddev	.00008	.096	.00067	.00009	.00036	.00453	.00008	.145
%RSD	202.02	.37422	87.228	307.73	74.104	3019.2	7.7011	1.0155

#1	.00009	25.839	-.00030	-.00003	.00023	-.00305	.00099	14.158
#2	-.00002	25.703	-.00125	.00009	.00074	.00335	.00110	14.363

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	-.00031	98.805	.00157	-.00083	4.6380	-.00004	.04220
Stddev	.00034	.00062	.370	.00022	.00003	.0392	.00013	.00719
%RSD	147.85	203.11	.37415	13.841	4.1431	.84519	331.07	17.036

#1	-.00001	-.00074	99.067	.00173	-.00081	4.6657	-.00013	.04728
#2	.00048	.00013	98.544	.00142	-.00086	4.6103	.00005	.03711

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5542	1.0020	-.00587	.00004	-.00254	.0479	.15476	<.00000
Stddev	.0220	.0059	.00016	.00129	.00105	.0007	.00041	.48262
%RSD	.23021	.58797	2.7879	3400.2	41.408	1.445	.26718	32.672

#1	9.5698	.99788	-.00576	-.00087	-.00180	.0474	.15506	-1.1359
#2	9.5387	1.0062	-.00599	.00095	-.00329	.0484	.15447	-1.8184

Sample Name: J5383-04 Acquired: 10/15/2018 19:04:23 Type: Unk
 Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.1232
 Stddev .4189
 %RSD 19.731

#1 1.8270
 #2 2.4195

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3617.6	68915.	4884.1	112.10	4318.7
Stddev	7.4	84.	5.0	.53	3.3
%RSD	.20469	.12171	.10272	.47113	.07588

#1	3622.8	68975.	4887.6	111.73	4321.0
#2	3612.3	68856.	4880.6	112.48	4316.4

Sample Name: J5383-05 Acquired: 10/15/2018 19:08:26 Type: Unk
Method: P4-ICP2(v2498) 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	.00035	.00100	-.00362	-.00100	-.00128	.00481	.01140	.00006
Stddev	.00110	.00062	.00011	.00062	.00014	.00699	.00022	.00005
%RSD	314.86	62.609	2.9689	61.463	10.982	145.45	1.9427	85.791
#1	-.00043	.00056	-.00355	-.00144	-.00138	.00975	.01156	.00002
#2	.00113	.00144	-.00370	-.00057	-.00118	-.00014	.01124	.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	26.104	-.00061	.00003	.00039	-.00858	.00075	15.613
Stddev	.00010	.011	.00055	.00017	.00030	.00079	.00004	.011
%RSD	382.64	.04109	90.684	503.00	76.023	9.1981	5.7480	.06885
#1	.00010	26.097	-.00100	.00016	.00060	-.00802	.00078	15.621
#2	-.00005	26.112	-.00022	-.00009	.00018	-.00913	.00071	15.606
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00013	110.17	.00107	-.00084	5.1420	.00013	.05708
Stddev	.00055	.00034	.06	.00055	.00002	.0326	.00016	.00344
%RSD	627.17	270.65	.05461	51.100	2.0289	.63347	128.57	6.0271
#1	.00048	-.00037	110.22	.00146	-.00083	5.1190	.00024	.05464
#2	-.00030	.00012	110.13	.00068	-.00085	5.1650	.00001	.05951
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.493	.97739	-.00640	-.00006	-.00322	.0496	.16313	<.00000
Stddev	.091	.00016	.00001	.00259	.00111	.0015	.00024	.74111
%RSD	.86506	.01626	.11078	4044.0	34.478	3.057	.14479	42.668
#1	10.557	.97727	-.00640	.00177	-.00243	.0507	.16329	-2.2610
#2	10.429	.97750	-.00639	-.00190	-.00400	.0485	.16296	-1.2129

Sample Name: J5383-05 Acquired: 10/15/2018 19:08:26 Type: Unk
 Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.1466
Stddev	.3295
%RSD	15.351

#1	1.9136
#2	2.3796

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3641.3	69279.	4921.5	111.33	4327.8
Stddev	26.2	1729.	9.0	.95	33.7
%RSD	.72055	2.4951	.18218	.85090	.77763

#1	3622.7	70501.	4915.2	112.00	4304.0
#2	3659.8	68057.	4927.9	110.66	4351.6

Sample Name: J5383-06 Acquired: 10/15/2018 19:12:28 Type: Unk
Method: P4-ICP2(v2498) 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	-.00009	.00006	-.00407	.00339	-.00055	.00128	.01180	.00008
Stddev	.00151	.00108	.00012	.00153	.00045	.02042	.00135	.00004
%RSD	1675.8	1868.8	2.9980	45.195	82.379	1600.4	11.397	47.379
#1	.00098	-.00070	-.00416	.00231	-.00023	.01572	.01085	.00005
#2	-.00115	.00082	-.00399	.00447	-.00087	-.01316	.01276	.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	26.857	-.00070	.00001	.00084	-.00391	.00071	16.211
Stddev	.00005	1.090	.00024	.00015	.00030	.00838	.00001	.586
%RSD	94.140	4.0575	34.806	1351.6	35.621	214.54	1.0354	3.6119
#1	.00009	26.086	-.00053	.00012	.00063	.00202	.00072	15.797
#2	.00002	27.627	-.00087	-.00009	.00105	-.00983	.00071	16.625
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	.00003	114.09	.00100	-.00089	5.2713	.00026	.05358
Stddev	.00046	.00017	3.84	.00008	.00012	.1675	.00026	.00371
%RSD	301.32	562.58	3.3661	7.7364	14.027	3.1774	98.804	6.9299
#1	.00017	-.00009	111.37	.00105	-.00098	5.1529	.00008	.05621
#2	-.00048	.00015	116.81	.00094	-.00080	5.3898	.00045	.05096
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.940	1.0200	-.00654	.00023	-.00190	.0485	.16800	<.00000
Stddev	.865	.0350	.00010	.00033	.00092	.0024	.00600	.09478
%RSD	7.9055	3.4285	1.4825	147.33	48.261	4.943	3.5737	14.219
#1	10.329	.99528	-.00647	-.00001	-.00255	.0468	.16376	-.73357
#2	11.552	1.0447	-.00661	.00046	-.00125	.0502	.17225	-.59953

Sample Name: J5383-06 Acquired: 10/15/2018 19:12:28 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.9485
Stddev	.2751
%RSD	14.120

#1	1.7539
#2	2.1430

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3505.4	68151.	4755.4	110.51	4176.8
Stddev	233.6	51.	166.1	4.70	280.3
%RSD	6.6640	.07507	3.4924	4.2519	6.7096

#1	3670.6	68187.	4872.8	113.83	4375.0
#2	3340.2	68115.	4637.9	107.19	3978.7

Sample Name: CCV05 Acquired: 10/15/2018 19:16:29 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5889	4.7706	4.7705	4.7201	4.6798	9.7609	9.6228	.24461
Stddev	.0225	.0342	.0283	.0430	.0376	.0382	.0398	.00061
%RSD	.48933	.71743	.59301	.91178	.80395	.39131	.41416	.25038
#1	4.6048	4.7948	4.7905	4.7506	4.7064	9.7879	9.6510	.24417
#2	4.5730	4.7464	4.7505	4.6897	4.6532	9.7339	9.5946	.24504
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4105	25.075	.99760	2.3632	1.1733	4.7180	2.4747	24.186
Stddev	.0171	.012	.00378	.0165	.0118	.0138	.0004	.254
%RSD	.71003	.04647	.37842	.69697	1.0051	.29319	.01566	1.0489
#1	2.4226	25.066	1.0003	2.3749	1.1817	4.7082	2.4745	24.007
#2	2.3984	25.083	.99493	2.3516	1.1650	4.7277	2.4750	24.365
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3504	1.1784	23.489	2.4343	2.3734	24.004	4.6904	4.8451
Stddev	.0168	.0019	.079	.0030	.0150	.052	.0396	.0055
%RSD	.71421	.16269	.33506	.12168	.63401	.21836	.84440	.11347
#1	2.3622	1.1798	23.545	2.4322	2.3627	24.041	4.7184	4.8412
#2	2.3385	1.1771	23.433	2.4364	2.3840	23.966	4.6624	4.8490
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6876	4.9401	4.7606	4.7975	5.2266	4.713	4.8445	F 2.4563
Stddev	.0266	.0214	.0362	.0119	.0174	.035	.0159	.0644
%RSD	.56815	.43285	.76037	.24862	.33347	.7479	.32866	2.6225
#1	4.7065	4.9250	4.7862	4.8059	5.2389	4.738	4.8557	2.4107
#2	4.6688	4.9553	4.7351	4.7891	5.2143	4.688	4.8332	2.5018

Sample Name: CCV05 Acquired: 10/15/2018 19:16:29 Type: Unk
 Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14002 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.9958
Stddev	.1142
%RSD	3.8117

#1	2.9150
#2	3.0765

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3433.3	65020.	4632.4	101.92	3939.6
Stddev	30.6	28.	1.6	.64	30.9
%RSD	.89052	.04233	.03499	.62803	.78440

#1	3411.7	65000.	4631.2	102.38	3917.8
#2	3454.9	65039.	4633.5	101.47	3961.5

Sample Name: CCB05 Acquired: 10/15/2018 19:20:13 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00040	-.00021	-.00212	.00101	-.00130	.00901	.00004
Stddev	.00125	.00037	.00002	.00170	.00018	.00308	.00013
%RSD	312.88	179.22	.92765	168.03	13.752	34.134	355.95

#1	-.00128	-.00047	-.00210	.00222	-.00143	.01118	-.00006
#2	.00048	.00006	-.00213	-.00019	-.00118	.00683	.00013

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00006	.02619	-.00044	-.00013	-.00058	.00649
Stddev	.00008	.00005	.00850	.00002	.00009	.00040	.01977
%RSD	1613.9	82.909	32.456	3.7994	66.817	69.073	304.55

#1	-.00005	.00002	.02018	-.00043	-.00007	-.00086	-.00749
#2	.00006	.00009	.03220	-.00045	-.00020	-.00029	.02047

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00768	.00036	.00027	.06942	.00025	-.00048
Stddev	.00002	.04541	.00034	.00004	.01206	.00021	.00016
%RSD	51.764	591.12	94.844	16.031	17.368	84.177	32.698

#1	.00002	.02443	.00061	.00030	.06090	.00039	-.00037
#2	.00005	-.03979	.00012	.00024	.07795	.00010	-.00059

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06195	.00118	-.00276	F .00671	-.00454	.00002	.00111
Stddev	.01537	.00030	.00934	.00269	.00007	.00085	.00144
%RSD	24.812	25.770	338.01	40.020	1.5916	5066.0	129.79

#1	.05108	.00140	.00384	.00861	-.00460	-.00058	.00009
#2	.07282	.00097	-.00937	.00481	-.00449	.00062	.00212

Sample Name: CCB05 Acquired: 10/15/2018 19:20:13 Type: Unk
 Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14002 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00116	-.0012	-.00002	F<.00000	F .77696
Stddev	.00127	.0011	.00006	.11035	.52153
%RSD	109.44	94.66	295.50	7.6969	67.125

#1	.00026	-.0020	.00002	-1.5117	1.1457
#2	.00205	-.0004	-.00006	-1.3556	.40818

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3566.4	68468.	4661.6	106.72	4377.9
Stddev	8.2	215.	5.2	1.21	3.0
%RSD	.23011	.31410	.11177	1.1319	.06786

#1	3560.6	68316.	4665.3	105.87	4375.8
#2	3572.2	68620.	4657.9	107.58	4380.0

Sample Name: J5383-07 Acquired: 10/15/2018 19:24:18 Type: Unk
Method: P4-ICP2(v2498) 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	-.00271	-.00022	-.00446	.00389	-.00146	.00339	.00882	.00008
Stddev	.00024	.00049	.00045	.00174	.00158	.00219	.00004	.00007
%RSD	8.7123	228.15	10.036	44.744	108.16	64.591	.44702	93.758
#1	-.00288	-.00056	-.00478	.00266	-.00034	.00494	.00880	.00013
#2	-.00255	.00013	-.00414	.00512	-.00257	.00184	.00885	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	24.252	-.00063	.00012	.00049	-.00884	.00065	11.080
Stddev	.00001	.030	.00015	.00020	.00041	.00592	.00004	.101
%RSD	10.479	.12426	23.170	165.00	83.721	67.051	5.5694	.91416
#1	.00006	24.274	-.00053	.00026	.00078	-.00465	.00063	11.152
#2	.00005	24.231	-.00074	-.00002	.00020	-.01302	.00068	11.008
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00072	-.00015	71.524	.00135	-.00077	3.6719	.00048	.03413
Stddev	.00010	.00006	.076	.00038	.00004	.0223	.00011	.00961
%RSD	13.481	41.135	.10580	28.149	5.6256	.60850	22.473	28.153
#1	.00065	-.00019	71.471	.00108	-.00080	3.6561	.00056	.02734
#2	.00079	-.00010	71.578	.00162	-.00074	3.6877	.00041	.04093
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.2355	1.0040	-.00449	-.00068	-.00363	.0529	.13509	<.00000
Stddev	.0188	.0054	.00052	.00145	.00088	.0011	.00083	.01129
%RSD	.25931	.53845	11.504	215.17	24.217	1.985	.61136	.58793
#1	7.2487	1.0002	-.00486	.00035	-.00425	.0522	.13567	-1.9289
#2	7.2222	1.0078	-.00413	-.00170	-.00301	.0537	.13450	-1.9129

Sample Name: J5383-07 Acquired: 10/15/2018 19:24:18 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.9951
Stddev .4173
%RSD 20.916

#1 1.7000
#2 2.2901

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3677.4	69970.	4968.2	110.78	4412.5
Stddev	5.8	4.	14.0	1.62	3.1
%RSD	.15729	.00560	.28125	1.4652	.07013

#1	3681.5	69973.	4978.0	111.93	4410.3
#2	3673.3	69968.	4958.3	109.63	4414.7

Sample Name: J5383-08 Acquired: 10/15/2018 19:28:19 Type: Unk
Method: P4-ICP2(v2498) 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	.00075	-.00103	-.00343	.00295	-.00192	.01065	.00906	.00009
Stddev	.00111	.00030	.00002	.00070	.00088	.00275	.00056	.00008
%RSD	148.42	29.502	.49363	23.661	45.470	25.833	6.1784	87.015

#1	.00154	-.00082	-.00342	.00246	-.00254	.01259	.00946	.00003
#2	-.00004	-.00125	-.00344	.00344	-.00131	.00870	.00866	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	24.628	-.00098	-.00000	.00066	.00376	.00042	11.222
Stddev	.00008	.038	.00037	.00017	.00056	.00246	.00003	.128
%RSD	178.22	.15413	37.851	48178.	84.924	65.588	6.4219	1.1408

#1	.00011	24.601	-.00072	.00012	.00106	.00550	.00044	11.131
#2	-.00001	24.655	-.00124	-.00012	.00026	.00201	.00040	11.312

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00033	-.00059	73.200	.00158	-.00067	3.7100	.00031	.04557
Stddev	.00040	.00005	.308	.00013	.00001	.0126	.00014	.00262
%RSD	119.92	8.2751	.42013	8.1058	1.1484	.34014	44.496	5.7394

#1	.00005	-.00062	73.417	.00149	-.00066	3.7011	.00021	.04742
#2	.00061	-.00055	72.982	.00167	-.00067	3.7189	.00040	.04372

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.5392	1.0123	-.00518	-.00077	-.00370	.0542	.13708	<.00000
Stddev	.2039	.0021	.00026	.00153	.00173	.0016	.00018	.29892
%RSD	2.7040	.20950	5.0862	198.74	46.925	2.883	.13266	15.529

#1	7.6834	1.0138	-.00499	.00031	-.00247	.0553	.13695	-1.7135
#2	7.3951	1.0108	-.00537	-.00185	-.00492	.0531	.13720	-2.1363

Sample Name: J5383-08 Acquired: 10/15/2018 19:28:19 Type: Unk
 Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.7041
 Stddev .3742
 %RSD 21.957

#1 1.4395
 #2 1.9687

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3626.3	69425.	4962.4	112.44	4325.9
Stddev	77.2	14.	2.8	1.46	94.6
%RSD	2.1283	.02086	.05649	1.2969	2.1858

#1	3571.7	69435.	4960.4	111.41	4259.1
#2	3680.8	69415.	4964.4	113.48	4392.8

Sample Name: J5383-09 Acquired: 10/15/2018 19:32:21 Type: Unk
Method: P4-ICP2(v2498) 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	.00413	-.00101	-.00430	.00320	-.00326	-.00544	.01056	.00011
Stddev	.00051	.00113	.00073	.00098	.00037	.00255	.00014	.00001
%RSD	12.445	111.78	17.011	30.691	11.368	46.928	1.2898	11.407

#1	.00450	-.00021	-.00482	.00250	-.00300	-.00724	.01047	.00012
#2	.00377	-.00181	-.00378	.00389	-.00352	-.00363	.01066	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	26.729	-.00044	-.00002	.00047	-.00028	.00034	17.451
Stddev	.00002	.002	.00033	.00005	.00027	.01736	.00003	.043
%RSD	46.687	.00932	73.299	302.61	57.261	6301.2	8.8078	.24847

#1	-.00007	26.727	-.00021	-.00005	.00028	-.01255	.00036	17.482
#2	-.00003	26.731	-.00067	.00002	.00066	.01200	.00031	17.420

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.00008	124.26	.00116	-.00058	5.6788	.00043	.06227
Stddev	.00006	.00043	.54	.00042	.00002	.0132	.00017	.00350
%RSD	56.264	515.21	.43336	35.978	4.0201	.23213	39.398	5.6199

#1	.00015	-.00039	123.88	.00145	-.00056	5.6695	.00055	.06475
#2	.00006	.00022	124.64	.00086	-.00059	5.6881	.00031	.05980

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.724	.99627	-.00630	.00048	-.00175	.0556	.17278	<.00000
Stddev	.002	.01332	.00013	.00130	.00111	.0018	.00069	.04773
%RSD	.01288	1.3367	2.0789	267.53	63.824	3.238	.39662	3.8147

#1	11.725	.98685	-.00640	.00140	-.00096	.0544	.17229	-1.2175
#2	11.723	1.0057	-.00621	-.00043	-.00253	.0569	.17326	-1.2850

Sample Name: J5383-09 Acquired: 10/15/2018 19:32:21 Type: Unk
 Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.4961
Stddev	.1501
%RSD	6.0141

#1	2.6023
#2	2.3900

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3629.9	68319.	4903.8	110.50	4286.4
Stddev	.2	18.	27.4	1.66	2.4
%RSD	.00569	.02617	.55892	1.5061	.05621

#1	3630.0	68307.	4923.1	109.32	4284.7
#2	3629.7	68332.	4884.4	111.67	4288.1

Sample Name: J5383-10 Acquired: 10/15/2018 19:36:23 Type: Unk
Method: P4-ICP2(v2498) 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	.00117	-.00058	-.00438	.00266	-.00187	.01860	.01104	.00004
Stddev	.00106	.00130	.00021	.00013	.00124	.00078	.00031	.00003
%RSD	90.632	223.65	4.7748	5.0714	66.369	4.1704	2.7642	64.982
#1	.00042	.00034	-.00423	.00275	-.00274	.01915	.01125	.00002
#2	.00192	-.00150	-.00453	.00256	-.00099	.01805	.01082	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	27.340	-.00065	.00003	.00041	.00105	.00037	19.703
Stddev	.00005	.113	.00020	.00003	.00073	.00645	.00005	.018
%RSD	256.02	.41268	30.374	74.992	177.73	613.83	12.303	.09219
#1	.00005	27.420	-.00079	.00002	.00093	-.00351	.00034	19.690
#2	-.00001	27.260	-.00051	.00005	-.00011	.00561	.00040	19.716
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	-.00016	142.26	.00118	-.00065	6.4121	.00016	.07547
Stddev	.00011	.00042	1.12	.00028	.00002	.0240	.00009	.00516
%RSD	45.815	258.33	.78528	23.798	2.8314	.37443	55.525	6.8433
#1	-.00016	.00013	143.05	.00098	-.00064	6.3952	.00022	.07181
#2	-.00031	-.00046	141.47	.00138	-.00067	6.4291	.00009	.07912
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.306	.97367	-.00672	-.00056	-.00349	.0545	.18601	<.00000
Stddev	.038	.00709	.00089	.00024	.00042	.0007	.00050	.59977
%RSD	.28527	.72840	13.290	42.492	12.094	1.211	.27098	69.809
#1	13.280	.97869	-.00609	-.00039	-.00379	.0540	.18637	-1.2833
#2	13.333	.96866	-.00735	-.00073	-.00319	.0549	.18566	-.43505

Sample Name: J5383-10 Acquired: 10/15/2018 19:36:23 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.2823
Stddev .4560
%RSD 19.980

#1 1.9599
#2 2.6048

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3599.8	67712.	4947.7	111.38	4257.5
Stddev	7.3	372.	35.1	.46	10.1
%RSD	.20290	.54918	.70926	.41404	.23629

#1	3594.7	67975.	4922.9	111.05	4250.3
#2	3605.0	67449.	4972.5	111.70	4264.6

Sample Name: J5383-11 Acquired: 10/15/2018 19:40:25 Type: Unk
Method: P4-ICP2(v2498) 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	.00031	-.00087	-.00051	.00204	-.00079	-.00160	.01230	.00008
Stddev	.00042	.00139	.00028	.00235	.00153	.00140	.00073	.00001
%RSD	136.64	158.92	54.758	115.30	194.67	87.640	5.9504	6.7215
#1	.00001	-.00185	-.00031	.00370	.00030	-.00258	.01282	.00008
#2	.00061	.00011	-.00071	.00038	-.00187	-.00061	.01178	.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	32.417	-.00068	-.00015	.00043	-.00520	.00117	35.501
Stddev	.00015	.082	.00011	.00024	.00008	.01063	.00002	.197
%RSD	930.02	.25357	16.553	165.32	19.486	204.42	1.6861	.55584
#1	-.00012	32.475	-.00076	.00002	.00037	-.01272	.00116	35.361
#2	.00009	32.359	-.00060	-.00032	.00049	.00232	.00119	35.640
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00039	.00006	268.82	.00160	.00027	11.404	.00025	.12875
Stddev	.00026	.00053	2.67	.00011	.00001	.002	.00027	.00702
%RSD	65.111	858.92	.99244	6.9250	2.1228	.01948	108.58	5.4506
#1	-.00058	.00044	270.71	.00153	.00027	11.405	.00044	.13371
#2	-.00021	-.00031	266.93	.00168	.00028	11.402	.00006	.12379
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 24.793	.98045	-.01119	-.00043	-.00042	.0609	.27600	<.00000
Stddev	.384	.00362	.00039	.00020	.00069	.0036	.00042	.39239
%RSD	1.5485	.36922	3.4573	47.061	162.76	5.888	.15301	185.73
#1	25.064	.97789	-.01092	-.00029	-.00091	.0634	.27630	-.48873
#2	24.521	.98301	-.01147	-.00057	.00006	.0583	.27571	.06619

Sample Name: J5383-11 Acquired: 10/15/2018 19:40:25 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.9079
Stddev .2361
%RSD 8.1197

#1 3.0748
#2 2.7409

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3500.2	66200.	4875.2	109.37	4060.2
Stddev	20.8	88.	.5	1.97	50.4
%RSD	.59460	.13327	.01007	1.8050	1.2423

#1	3485.5	66263.	4875.6	107.97	4024.5
#2	3514.9	66138.	4874.9	110.76	4095.9

Sample Name: J5383-12 Acquired: 10/15/2018 19:44:34 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00090	-.00264	-.00413	-.00045	-.00282	-.00791	.01233	.00008
Stddev	.00069	.00111	.00043	.00317	.00006	.00783	.00053	.00000
%RSD	76.212	41.898	10.405	704.48	2.2765	98.987	4.2999	1.8263
#1	.00139	-.00342	-.00443	-.00269	-.00278	-.00237	.01196	.00008
#2	.00042	-.00186	-.00382	.00179	-.00287	-.01344	.01271	.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	30.649	-.00051	.00001	.00050	-.00754	.00102	31.707
Stddev	.00005	.059	.00040	.00009	.00051	.00027	.00001	.088
%RSD	120.24	.19291	79.636	681.37	100.79	3.5228	1.3940	.27600
#1	-.00001	30.690	-.00079	-.00005	.00086	-.00772	.00103	31.769
#2	-.00008	30.607	-.00022	.00008	.00014	-.00735	.00101	31.645
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00081	-.00009	240.57	.00186	-.00026	10.196	.00035	.11117
Stddev	.00086	.00014	2.44	.00022	.00003	.032	.00014	.01004
%RSD	106.99	154.99	1.0138	11.754	13.431	.31426	39.924	9.0320
#1	-.00020	.00001	238.84	.00171	-.00023	10.219	.00044	.10407
#2	-.00141	-.00018	242.29	.00202	-.00028	10.174	.00025	.11827
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 22.974	.97272	-.01032	-.00149	.00020	.0603	.25221	<.00000
Stddev	1.270	.00449	.00050	.00157	.00034	.0021	.00029	.11285
%RSD	5.5263	.46198	4.8076	105.23	171.08	3.524	.11476	56.460
#1	22.077	.97590	-.01067	-.00038	.00045	.0588	.25200	-.27968
#2	23.872	.96954	-.00997	-.00260	-.00004	.0618	.25241	-.12008

Sample Name: J5383-12 Acquired: 10/15/2018 19:44:34 Type: Unk
 Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.7387
Stddev	.1053
%RSD	3.8457

#1	2.6642
#2	2.8131

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3379.9	66493.	4901.2	108.46	3929.0
Stddev	161.1	37.	34.5	1.21	190.6
%RSD	4.7666	.05551	.70438	1.1113	4.8525

#1	3493.9	66519.	4925.6	109.31	4063.8
#2	3266.0	66466.	4876.8	107.60	3794.2

Sample Name: J5383-13 Acquired: 10/15/2018 19:48:43 Type: Unk
Method: P4-ICP2(v2498) 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	.00225	-.00272	-.00347	.00316	-.00188	.00666	.01287	.00008
Stddev	.00054	.00181	.00215	.00024	.00071	.00850	.00008	.00002
%RSD	24.003	66.283	61.790	7.6662	37.809	127.70	.59329	18.410

#1	.00263	-.00400	-.00196	.00333	-.00238	.01267	.01282	.00007
#2	.00187	-.00145	-.00499	.00299	-.00138	.00065	.01293	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	34.883	-.00096	-.00011	.00039	.00112	.00165	45.114
Stddev	.00004	.040	.00104	.00007	.00041	.00603	.00004	.230
%RSD	381.60	.11345	107.66	60.820	103.24	538.94	2.3331	.51018

#1	.00002	34.911	-.00023	-.00016	.00011	-.00315	.00163	45.277
#2	-.00004	34.855	-.00169	-.00006	.00068	.00539	.00168	44.952

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00089	-.00011	346.74	.00149	-.00044	14.404	.00053	.15717
Stddev	.00020	.00007	1.53	.00036	.00000	.037	.00011	.00622
%RSD	21.917	65.919	.43989	24.061	.78193	.25371	21.426	3.9606

#1	-.00103	-.00017	347.82	.00174	-.00043	14.429	.00045	.16157
#2	-.00076	-.00006	345.66	.00124	-.00044	14.378	.00061	.15277

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 31.435	.98018	-.01213	.00062	.00368	.0655	.32826	.97519
Stddev	.054	.00477	.00001	.00013	.00090	.0023	.00109	1.5868
%RSD	.17209	.48674	.11144	20.431	24.455	3.482	.33118	162.72

#1	31.397	.97681	-.01212	.00053	.00304	.0671	.32903	-.14687
#2	31.473	.98355	-.01214	.00071	.00431	.0639	.32750	2.0973

Sample Name: J5383-13 Acquired: 10/15/2018 19:48:43 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.9233
Stddev	.0660
%RSD	2.2587

#1	2.9700
#2	2.8766

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3466.7	64360.	4834.1	108.69	3988.1
Stddev	5.2	1312.	.9	.18	7.1
%RSD	.14858	2.0392	.01870	.16123	.17801

#1	3470.4	65288.	4833.5	108.57	3993.1
#2	3463.1	63432.	4834.8	108.82	3983.1

Sample Name: J5383-14 Acquired: 10/15/2018 19:52:52 Type: Unk
Method: P4-ICP2(v2498) 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	.00238	-.00057	-.00479	.00230	-.00258	.01661	.01208	.00015
Stddev	.00062	.00235	.00048	.00022	.00033	.00543	.00024	.00006
%RSD	25.975	410.10	9.9519	9.4926	12.654	32.692	2.0144	41.153

#1	.00282	.00109	-.00445	.00215	-.00235	.02045	.01225	.00010
#2	.00195	-.00224	-.00512	.00245	-.00281	.01277	.01190	.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	33.165	-.00101	-.00016	.00044	-.00166	.00174	40.486
Stddev	.00004	.034	.00047	.00006	.00003	.00890	.00005	.090
%RSD	248.25	.10234	45.945	34.298	7.7723	535.39	2.8087	.22336

#1	-.00005	33.141	-.00134	-.00012	.00047	.00463	.00171	40.550
#2	.00001	33.189	-.00069	-.00020	.00042	-.00796	.00178	40.422

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00056	-.00003	307.17	.00141	-.00069	13.026	.00023	.13161
Stddev	.00037	.00019	.57	.00031	.00007	.034	.00032	.00513
%RSD	67.122	562.96	.18543	22.022	10.666	.26367	139.84	3.8998

#1	-.00082	.00010	306.77	.00163	-.00064	13.002	.00000	.12798
#2	-.00029	-.00016	307.57	.00119	-.00074	13.051	.00045	.13524

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 28.358	.96975	-.01244	.00098	-.00062	.0611	.30192	.04507
Stddev	.029	.01401	.00015	.00127	.00061	.0012	.00120	.05025
%RSD	.10388	1.4443	1.2373	129.35	98.718	1.886	.39815	111.49

#1	28.379	.95985	-.01255	.00008	-.00105	.0603	.30107	.00954
#2	28.337	.97966	-.01233	.00188	-.00019	.0619	.30278	.08061

Sample Name: J5383-14 Acquired: 10/15/2018 19:52:52 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.3009
Stddev .1800
%RSD 5.4519

#1 3.1737
#2 3.4282

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3494.1	65686.	4878.6	108.02	4034.7
Stddev	2.5	.	27.1	1.49	4.6
%RSD	.07238	.00033	.55548	1.3791	.11453

#1	3492.3	65686.	4897.7	106.96	4031.4
#2	3495.9	65686.	4859.4	109.07	4038.0

Sample Name: PB113839BS Acquired: 10/15/2018 19:57:01 Type: Unk
Method: P4-ICP2(v2498) 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	.71520	1.9291	.93609	1.8715	.74008	1.8829	.19894
Stddev	.00105	.0110	.00489	.0053	.00573	.0144	.00089
%RSD	.14633	.57230	.52211	.28317	.77412	.76233	.44721

#1	.71446	1.9370	.93955	1.8752	.74413	1.8930	.19831
#2	.71594	1.9213	.93264	1.8677	.73603	1.8727	.19956

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19429	.18882	1.0353	.40973	.18961	.29580	2.8473
Stddev	.00019	.00035	.0093	.00214	.00014	.00010	.0183
%RSD	.09587	.18745	.89669	.52111	.07513	.03521	.64280

#1	.19416	.18907	1.0287	.41124	.18971	.29587	2.8603
#2	.19442	.18857	1.0419	.40822	.18951	.29572	2.8344

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20749	1.9860	.47493	.06967	3.3123	.29309	.19284
Stddev	.00033	.0165	.00283	.00018	.0355	.00060	.00197
%RSD	.16015	.82856	.59568	.26307	1.0704	.20351	1.0232

#1	.20772	1.9976	.47693	.06954	3.3374	.29351	.19424
#2	.20725	1.9744	.47293	.06980	3.2872	.29267	.19145

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9869	.38172	.30169	F .04720	.95543	.66280	.19874
Stddev	.0393	.00152	.00346	.00553	.00210	.00276	.00468
%RSD	.39329	.39698	1.1483	11.711	.22002	.41604	2.3530

#1	10.015	.38279	.30414	.05110	.95394	.66475	.20205
#2	9.9591	.38065	.29924	.04329	.95692	.66085	.19544

Sample Name: PB113839BS Acquired: 10/15/2018 19:57:01 Type: Unk
 Method: P4-ICP2(v2498) 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	.21920	5.129	.19591	F<.00000	F<.00000
Stddev	.00084	.029	.00032	.03570	.46084
%RSD	.38448	.5603	.16202	2.2841	219.31

#1	.21860	5.150	.19568	-1.5376	-.53600
#2	.21979	5.109	.19613	-1.5880	.11573

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3562.3	68174.	4661.6	106.58	4307.6
Stddev	11.2	196.	7.7	.91	14.5
%RSD	.31330	.28801	.16534	.85140	.33574

#1	3554.4	68035.	4656.1	105.94	4297.4
#2	3570.2	68313.	4667.0	107.23	4317.9

Sample Name: CCV06 Acquired: 10/15/2018 20:00:52 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14000 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6046	4.7901	4.7843	4.7480	4.6969	9.7074	9.5811	.24527
Stddev	.0256	.0024	.0143	.0158	.0085	.0671	.0419	.00028
%RSD	.55715	.05082	.29806	.33255	.18013	.69164	.43767	.11607
#1	4.5865	4.7918	4.7944	4.7368	4.6909	9.6599	9.6108	.24507
#2	4.6228	4.7884	4.7742	4.7592	4.7029	9.7548	9.5515	.24548
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4198	24.828	.99821	2.3762	1.1759	4.8374	2.4634	24.074
Stddev	.0028	.089	.00131	.0029	.0008	.0855	.0005	.057
%RSD	.11506	.36005	.13135	.12401	.06841	1.7669	.01938	.23882
#1	2.4217	24.891	.99728	2.3783	1.1753	4.7770	2.4637	24.115
#2	2.4178	24.765	.99913	2.3742	1.1765	4.8979	2.4630	24.033
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3671	1.1829	23.370	2.4227	2.4198	23.775	4.7099	4.7961
Stddev	.0023	.0017	.094	.0003	.0401	.088	.0101	.0113
%RSD	.09703	.14544	.40410	.01368	1.6590	.36989	.21363	.23613
#1	2.3687	1.1817	23.437	2.4224	2.3915	23.837	4.7028	4.7881
#2	2.3654	1.1841	23.303	2.4229	2.4482	23.712	4.7170	4.8041
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6956	4.8733	4.7960	4.8133	5.1862	4.714	4.8390	F .41134
Stddev	.0021	.0288	.0069	.0116	.0137	.004	.0164	.09218
%RSD	.04498	.59104	.14440	.23987	.26444	.0937	.33886	22.409
#1	4.6941	4.8937	4.8009	4.8215	5.1959	4.717	4.8506	.47652
#2	4.6971	4.8530	4.7911	4.8052	5.1765	4.711	4.8274	.34616

Sample Name: CCV06 Acquired: 10/15/2018 20:00:52 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14000 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.9858
Stddev	.1648
%RSD	5.5198

#1	3.1023
#2	2.8693

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3449.5	65849.	4692.5	100.63	3948.7
Stddev	4.2	4.	25.2	1.68	5.2
%RSD	.12289	.00680	.53648	1.6662	.13106

#1	3452.5	65852.	4674.7	101.81	3945.0
#2	3446.5	65846.	4710.3	99.442	3952.4

Sample Name: CCB06 Acquired: 10/15/2018 20:04:36 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14000 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00116	.00001	-.00295	.00438	-.00014	-.00186	-.00039
Stddev	.00052	.00029	.00059	.00238	.00061	.00188	.00097
%RSD	44.617	3127.3	20.028	54.357	450.85	101.22	249.58

#1	-.00152	.00022	-.00253	.00607	.00030	-.00053	-.00108
#2	-.00079	-.00020	-.00337	.00270	-.00057	-.00319	.00030

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00007	.00878	-.00043	-.00002	-.00071	.00056
Stddev	.00004	.00003	.03107	.00017	.00005	.00050	.00617
%RSD	190.24	42.376	354.07	39.037	240.02	70.973	1095.7

#1	-.00001	.00005	-.01320	-.00031	.00001	-.00035	.00493
#2	.00005	.00010	.03075	-.00055	-.00006	-.00106	-.00380

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.01996	.00040	-.00008	.06776	.00034	-.00066
Stddev	.00002	.04427	.00009	.00024	.01938	.00015	.00005
%RSD	28.908	221.78	23.203	302.22	28.606	45.395	7.5410

#1	.00004	.01134	.00047	.00009	.05406	.00045	-.00062
#2	.00007	-.05126	.00034	-.00025	.08147	.00023	-.00069

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05372	.00121	.00175	F .00959	-.00505	-.00116	-.00063
Stddev	.01222	.00036	.01211	.00143	.00138	.00025	.00024
%RSD	22.743	29.368	691.20	14.952	27.324	21.541	37.753

#1	.04508	.00146	-.00681	.00858	-.00407	-.00098	-.00079
#2	.06236	.00096	.01032	.01060	-.00602	-.00133	-.00046

Sample Name: CCB06 Acquired: 10/15/2018 20:04:36 Type: Unk
Method: P4-ICP2(v2498) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14000 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00073	-.0004	-.00009	F<.00000	F .70690
Stddev	.00200	.0018	.00006	.47306	.20063
%RSD	274.47	489.9	67.549	14.617	28.381

#1	-.00068	.0009	-.00014	-3.5709	.84877
#2	.00214	-.0016	-.00005	-2.9019	.56503

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3583.8	69565.	4731.5	105.53	4380.3
Stddev	6.8	760.	9.2	.99	1.1
%RSD	.18871	1.0929	.19394	.93812	.02602

#1	3579.0	70102.	4725.0	104.83	4381.2
#2	3588.6	69027.	4738.0	106.23	4379.5