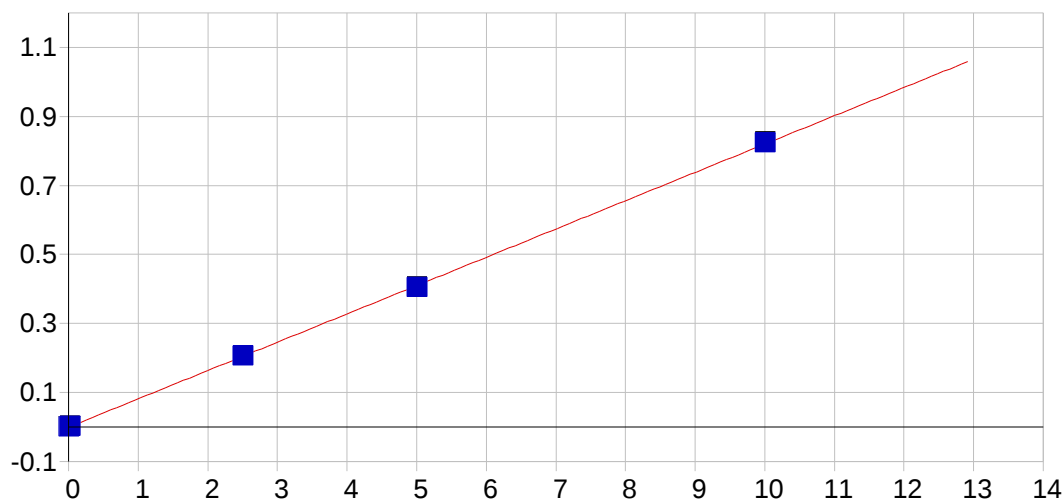




As 189.042 {478}

Date of Fit: 12/7/2018 16:26:36

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000311

Re-Slope: 1.000000

A1 (Gain): 0.082022

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999966

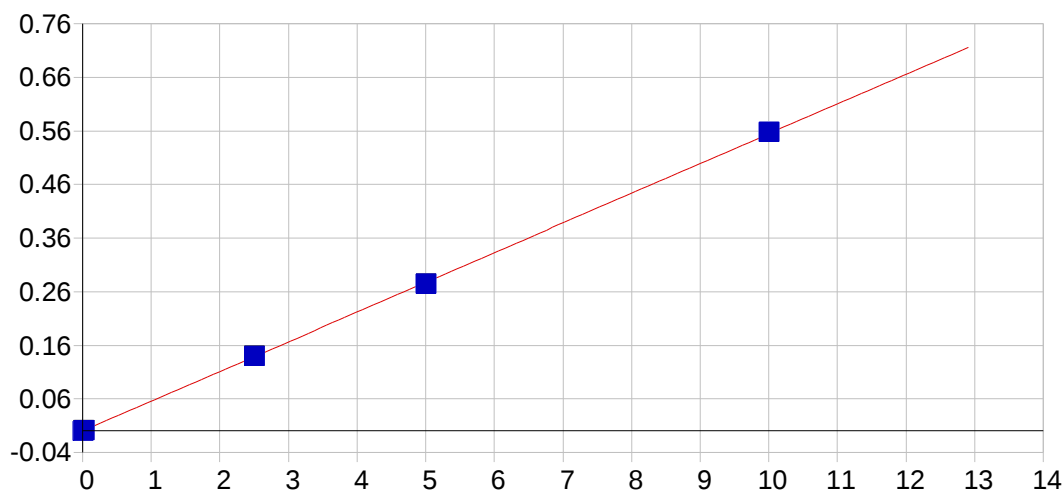
Status: OK.

Std Error of Est: 0.000016

Predicted MDL: 0.002616

Predicted MQL: 0.008720

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00031	.000	1
S1	.02000	.02264	.003	13.2	.00155	.000	1
S3	2.5000	2.5055	.006	.221	.20518	.000	1
S4	5.0000	4.9447	-.055	-1.11	.40524	.000	1
S5	10.000	10.047	.047	.471	.82372	.002	1



As 189.042 {479}

Date of Fit: 12/7/2018 16:26:36

Type of Fit: Linear

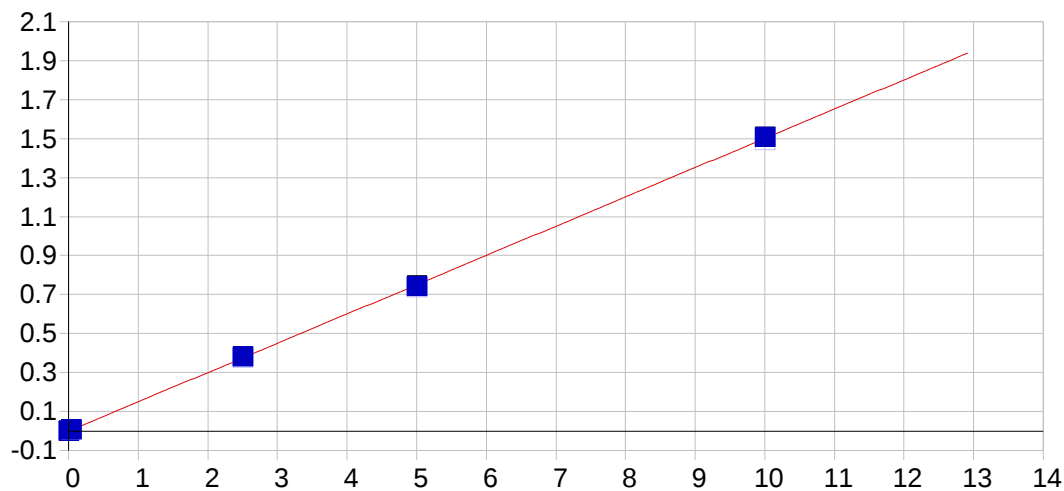
Weighting: 1/Conc

A0 (Offset): -0.000056

Re-Slope: 1.000000

A1 (Gain): 0.055470 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.002499
 Predicted MQL: 0.008332

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00006	.000	1
S1	.02000	.01996	-.000	-.187	.00105	.000	1
S3	2.5000	2.5093	.009	.371	.13914	.001	1
S4	5.0000	4.9374	-.063	-1.25	.27382	.000	1
S5	10.000	10.053	.053	.534	.55762	.001	1

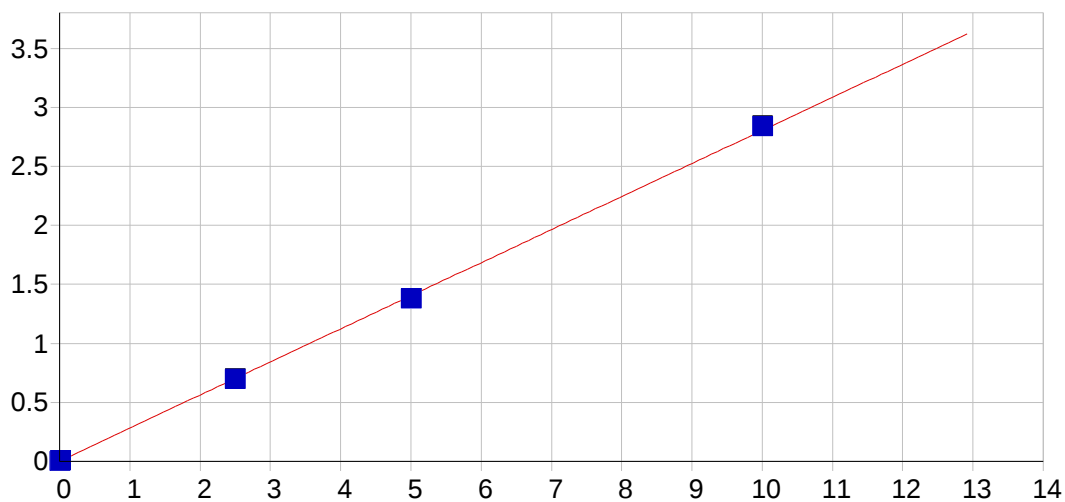


TI 190.856 {477}

Date of Fit: 12/7/2018 16:26:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000769 Re-Slope: 1.000000
 A1 (Gain): 0.150224 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999956 Status: OK.
 Std Error of Est: 0.000047
 Predicted MDL: 0.001194
 Predicted MQL: 0.003981

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00077	.000	1
S1	.04000	.04510	.005	12.8	.00585	.000	1
S3	2.5000	2.5202	.020	.808	.37398	.001	1
S4	5.0000	4.9453	-.055	-1.09	.73444	.001	1
S5	10.000	10.029	.029	.294	1.4905	.001	1

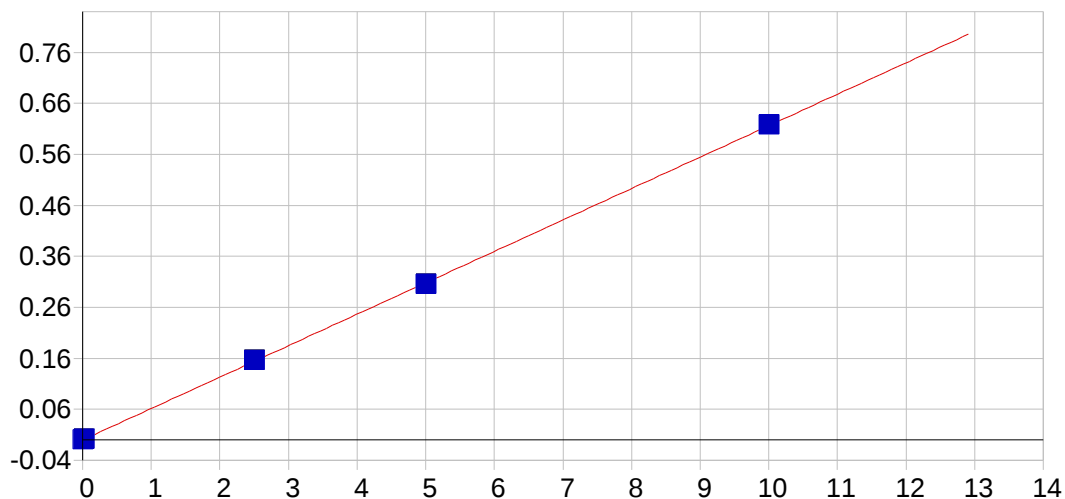


Pb 220.353 (453)

Date of Fit: 12/7/2018 16:26:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002655 Re-Slope: 1.000000
 A1 (Gain): 0.280250 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999893 Status: OK.
 Std Error of Est: 0.000076
 Predicted MDL: 0.000991
 Predicted MQL: 0.003305

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00265	.000	1
S1	.01200	.01320	.001	10.0	.00629	.000	1
S3	2.5000	2.4777	-.022	-.890	.69608	.001	1
S4	5.0000	4.9010	-.099	-1.98	1.3742	.002	1
S5	10.000	10.120	.120	1.20	2.8350	.001	1



Se 196.090 (472)

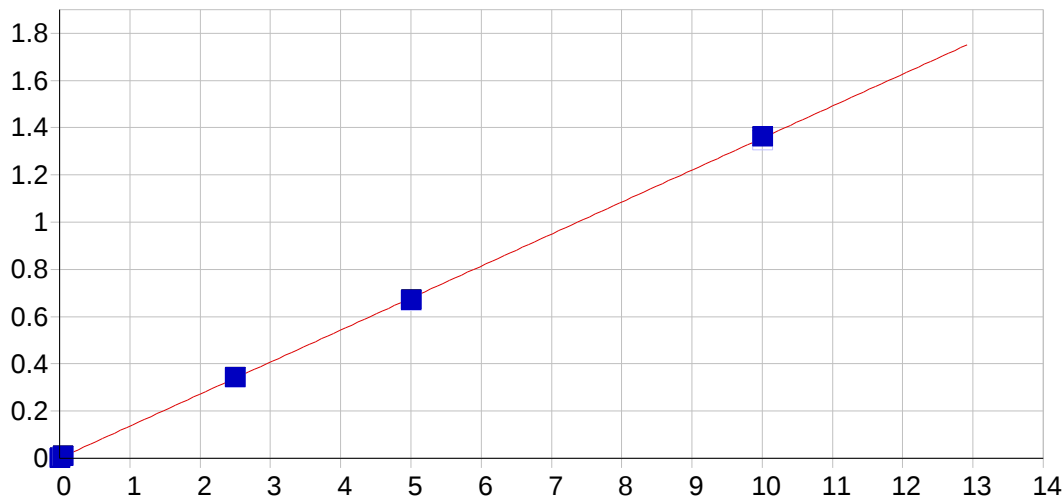
Date of Fit: 12/7/2018 16:26:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000115 Re-Slope: 1.000000
 A1 (Gain): 0.061648 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970
 Std Error of Est: 0.000012
 Predicted MDL: 0.003199
 Predicted MQL: 0.010664

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00012	.000	1
S1	.02000	.02218	.002	10.9	.00125	.000	1
S3	2.5000	2.5298	.030	1.19	.15582	.000	1
S4	5.0000	4.9529	-.047	-.942	.30518	.001	1
S5	10.000	10.015	.015	.151	.61722	.000	1



Sb 206.833 {463}

Date of Fit: 12/7/2018 16:26:36

Type of Fit: Linear

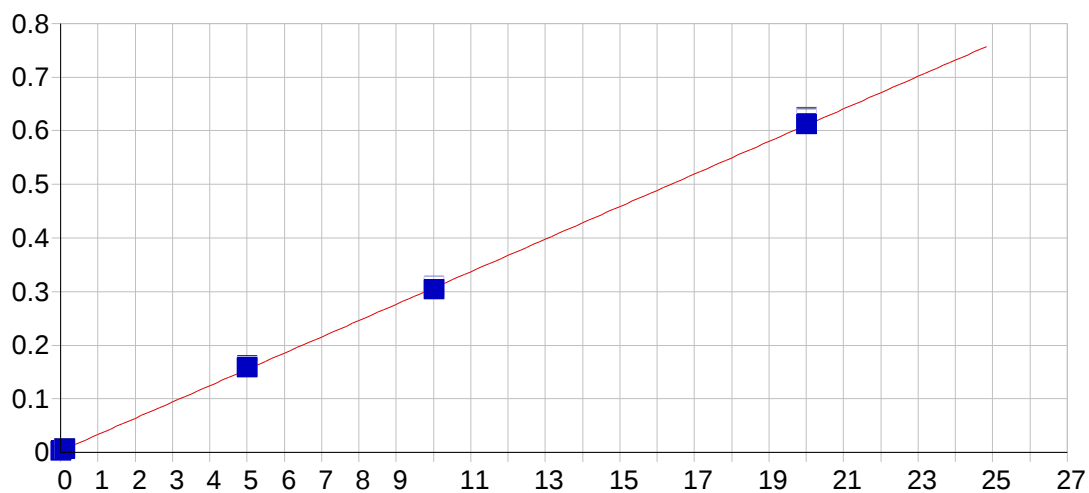
Weighting: 1/Conc

A0 (Offset): 0.000508
 A1 (Gain): 0.135537
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952
 Std Error of Est: 0.000050
 Predicted MDL: 0.001774
 Predicted MQL: 0.005912

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	.00051	.000	1
S1	.05000	.05597	.006	11.9	.00792	.000	1
S3	2.5000	2.5213	.021	.853	.33843	.000	1
S4	5.0000	4.9430	-.057	-1.14	.66285	.000	1
S5	10.000	10.030	.030	.298	1.3447	.001	1

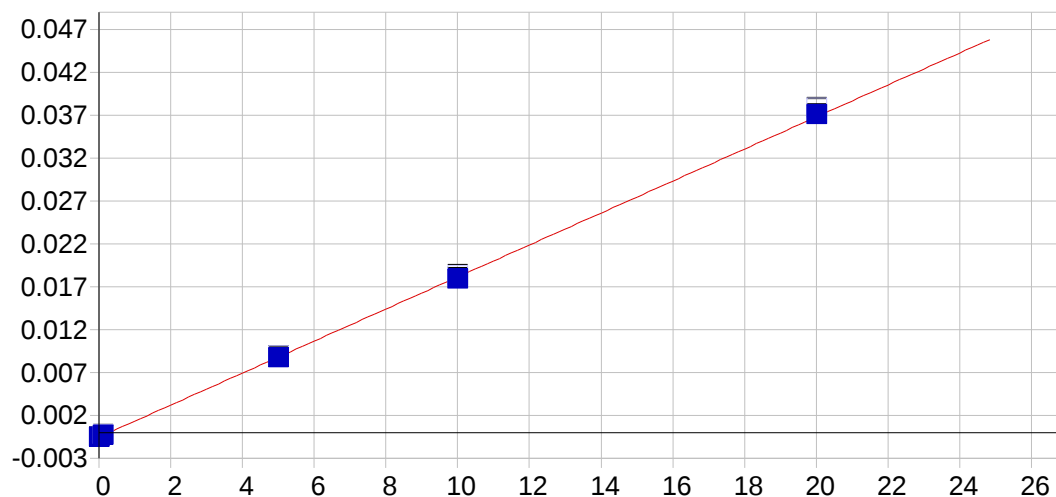


AI 308.215 {109}

Date of Fit: 12/7/2018 16:26:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002867 Re-Slope: 1.000000
 A1 (Gain): 0.030378 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999955 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.003312
 Predicted MQL: 0.011040

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00287	.000	1
S1	.10000	.10852	.009	8.52	.00637	.000	1
S3	5.0000	5.0812	.081	1.62	.16025	.001	1
S4	10.000	9.8884	-.112	-1.12	.30931	.001	1
S5	20.000	20.021	.021	.107	.62318	.001	1



AI 309.271 {109}

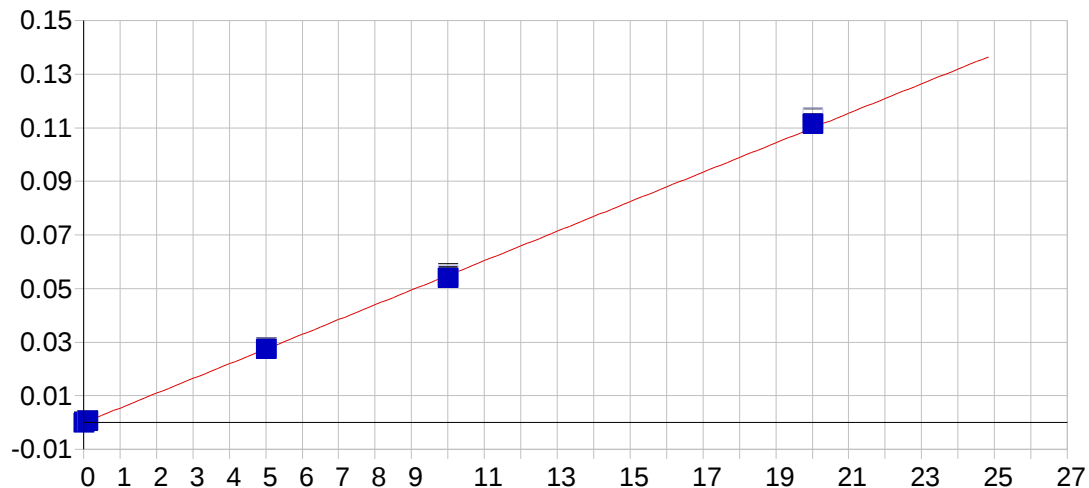
Date of Fit: 12/7/2018 16:26:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000531 Re-Slope: 1.000000
 A1 (Gain): 0.001866 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999823
 Std Error of Est: 0.000003
 Predicted MDL: 0.034436
 Predicted MQL: 0.114788

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	-.00053	.000	1
S1	.10000	.13119	.031	31.2	-.00027	.000	1
S3	5.0000	4.9711	-.029	-.578	.00893	.000	1
S4	10.000	9.8573	-.143	-1.43	.01823	.000	1
S5	20.000	20.139	.139	.694	.03779	.000	1

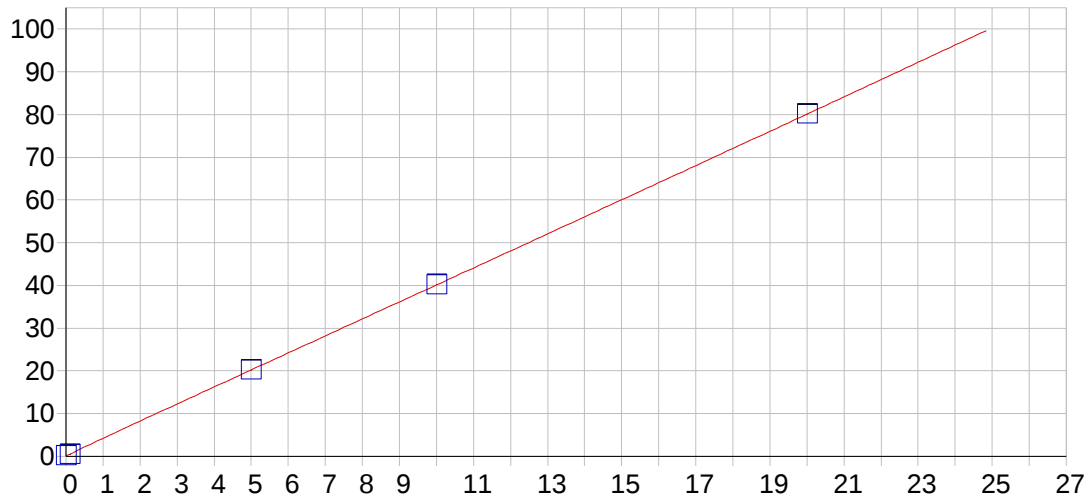


AI 396.152 { 85}

Date of Fit: 12/7/2018 16:26:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000096 Re-Slope: 1.000000
 A1 (Gain): 0.005498 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999865 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.016785
 Predicted MQL: 0.055951

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00010	.000	1
S1	.10000	.11317	.013	13.2	.00056	.000	1
S3	5.0000	4.9640	-.036	-.721	.02775	.000	1
S4	10.000	9.7785	-.222	-2.22	.05477	.001	1
S5	20.000	20.244	.244	1.22	.11340	.000	1

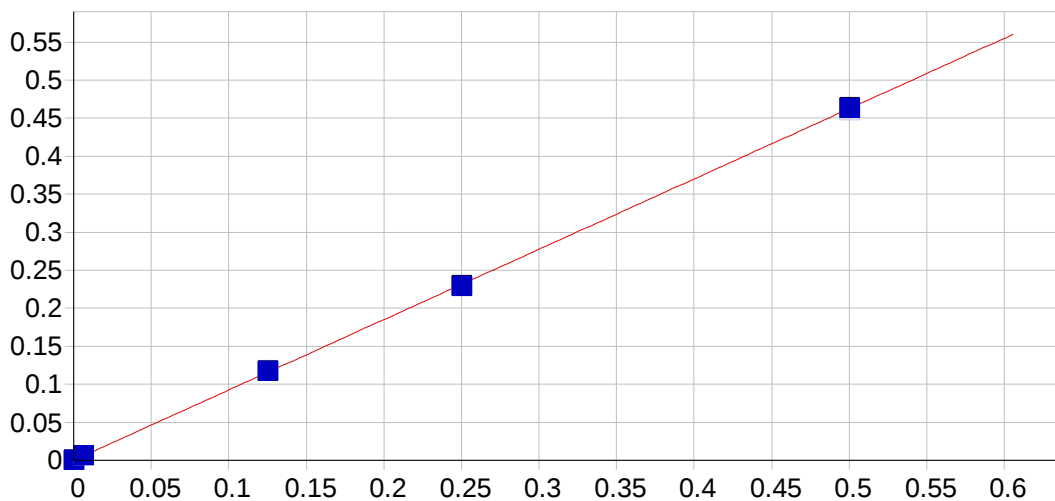


Ba 493.409 { 68}

Date of Fit: 12/7/2018 16:26:36 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.078846 Re-Slope: 1.000000
 A1 (Gain): 4.137840 Y-int: 0.000000
 A2 (Curvature): 0.005869
 n (Exponent): 0.980000
 Correlation: 0.999999 Status: Warning Positive Curvature
 Std Error of Est: 0.000874
 Predicted MDL: 0.000854
 Predicted MQL: 0.002846

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.07884	.003	1
S1	.10000	.10186	.002	1.86	.52011	.004	1
S3	5.0000	4.9872	-.013	-.256	20.199	.042	1
S5	20.000	19.996	-.004	-.022	80.088	.032	1
S4	10.000	10.015	.015	.152	40.191	.107	1



Be 234.861 {144}

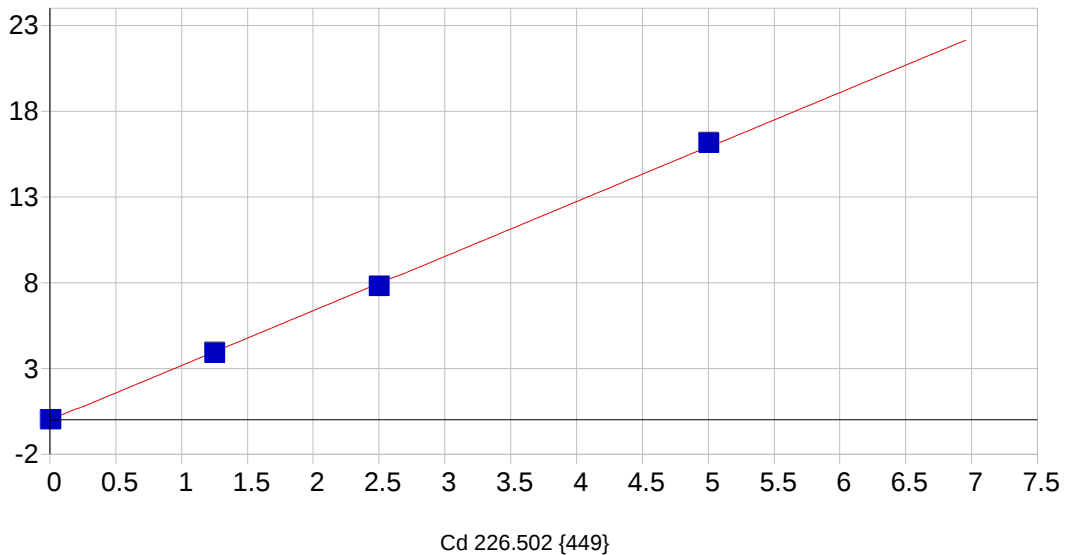
Date of Fit: 12/7/2018 16:26:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000053 Re-Slope: 1.000000
 A1 (Gain): 0.924794 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967
 Std Error of Est: 0.000022
 Predicted MDL: 0.000070
 Predicted MQL: 0.000234

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00005	.000	1
S1	.00600	.00624	.000	4.08	.00577	.000	1
S3	.12500	.12684	.002	1.47	.11662	.000	1
S4	.25000	.24778	-.002	-.887	.22775	.000	1
S5	.50000	.50014	.000	.028	.45967	.001	1



Date of Fit: 12/7/2018 16:26:36

Type of Fit: Linear

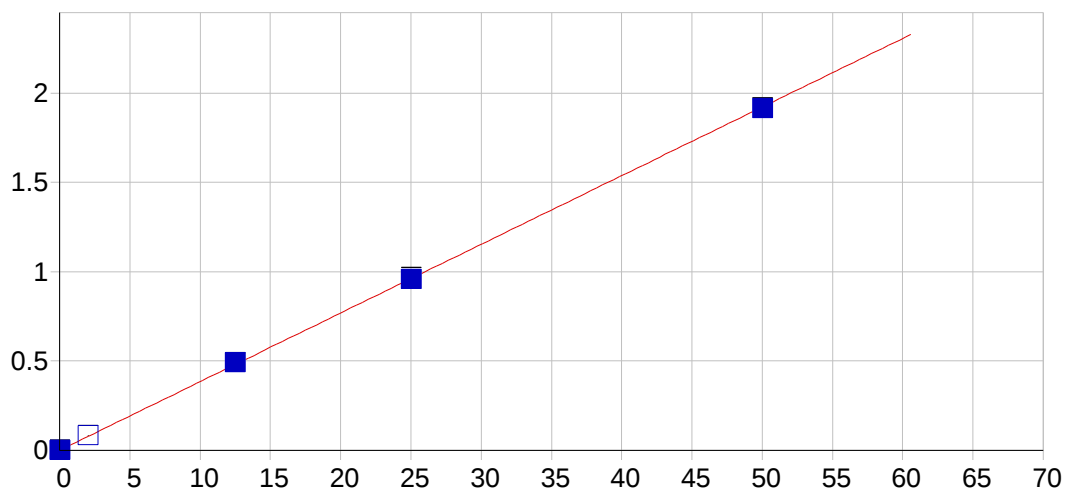
Weighting: 1/Conc

A0 (Offset): -0.000930
 A1 (Gain): 3.181866
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999857
 Std Error of Est: 0.000504
 Predicted MDL: 0.000092
 Predicted MQL: 0.000307

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	-.00093	.000	1
S1	.00600	.00599	-.000	-.090	.01818	.000	1
S3	1.2500	1.2278	-.022	-1.78	3.9066	.008	1
S4	2.5000	2.4489	-.051	-2.04	7.7931	.001	1
S5	5.0000	5.0733	.073	1.47	16.145	.007	1

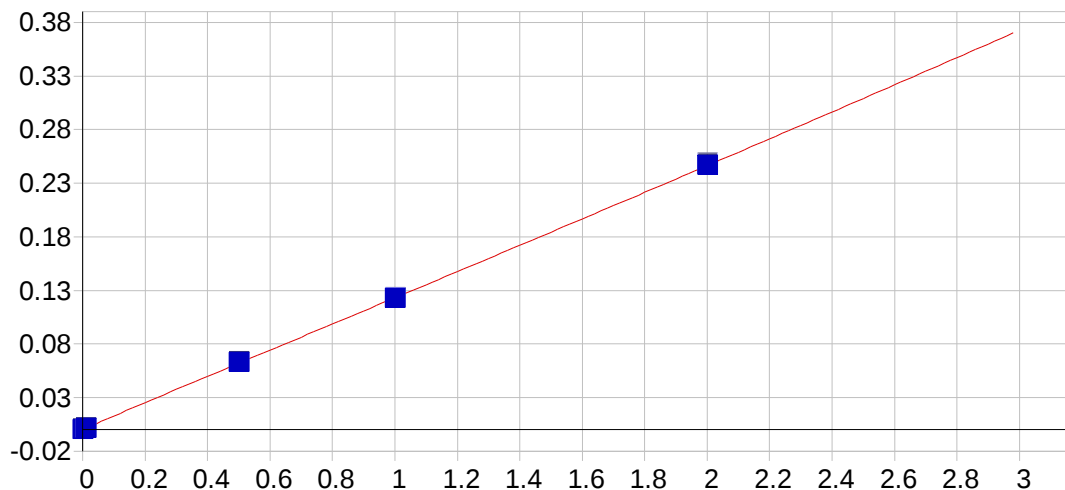


Ca 373.690 { 90}

Date of Fit: 12/7/2018 16:26:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000435 Re-Slope: 1.000000
 A1 (Gain): 0.038424 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999930 Status: OK.
 Std Error of Est: 0.000248
 Predicted MDL: 0.022929
 Predicted MQL: 0.076429

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1198	.120	5.99	.08189	.001	1
S0	.00000	-.00014	-.000	.000	.00043	.000	1
S3	12.500	12.717	.217	1.74	.48932	.002	1
S4	25.000	24.896	-.104	-.415	.95755	.010	1
S5	50.000	49.767	-.233	-.466	1.9137	.002	1



Cr 267.716 {126}

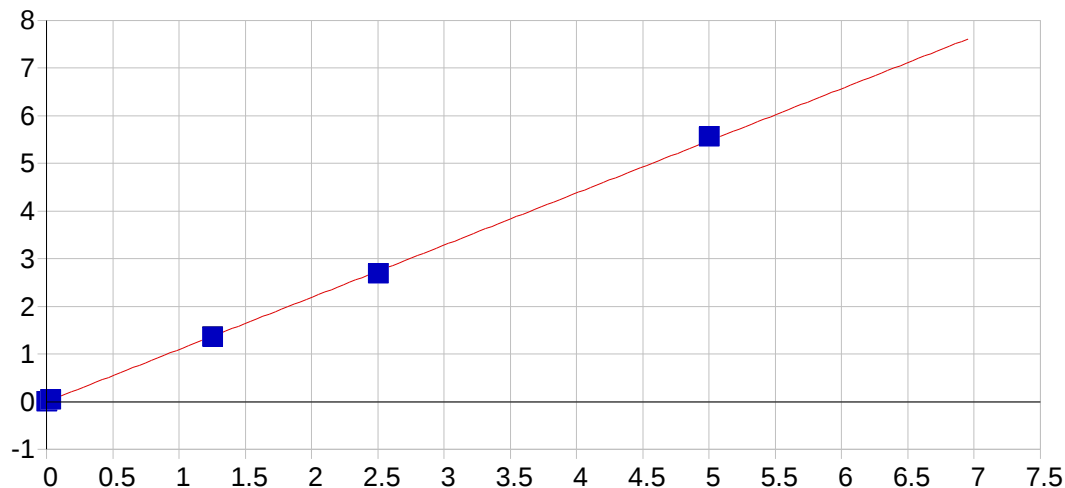
Date of Fit: 12/7/2018 16:26:36 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000002 Re-Slope: 1.000000
 A1 (Gain): 0.120322 Y-int: 0.000000

A2 (Curvature): 0.002771
 n (Exponent): 0.970000
 Correlation: 0.999988
 Std Error of Est: 0.000008
 Predicted MDL: 0.000538
 Predicted MQL: 0.001794

Status: Warning Positive Curvature

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00000	.000	1
S1	.01000	.00970	-.000	-2.99	.00135	.000	1
S3	.50000	.50444	.004	.887	.06314	.000	1
S4	1.0000	.99393	-.006	-.607	.12325	.000	1
S5	2.0000	2.0019	.002	.096	.24836	.000	1

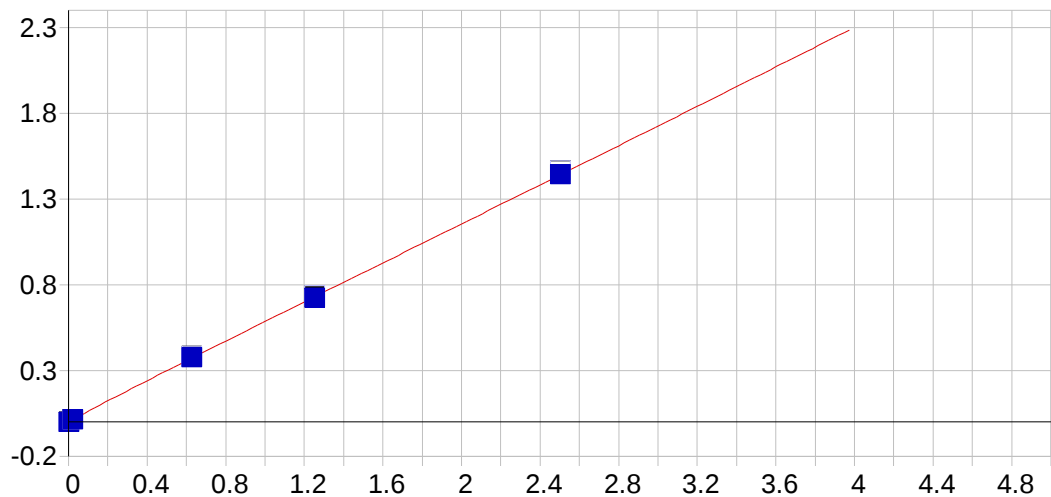


Co 228.616 {447}

Date of Fit: 12/7/2018 16:26:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000211 Re-Slope: 1.000000
 A1 (Gain): 1.094972 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999841 Status: OK.
 Std Error of Est: 0.000409
 Predicted MDL: 0.000242
 Predicted MQL: 0.000807

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00021	.000	1
S1	.03000	.03303	.003	10.1	.03573	.000	1
S3	1.2500	1.2313	-.019	-1.50	1.3491	.004	1
S4	2.5000	2.4450	-.055	-2.20	2.6791	.000	1
S5	5.0000	5.0707	.071	1.41	5.5564	.001	1

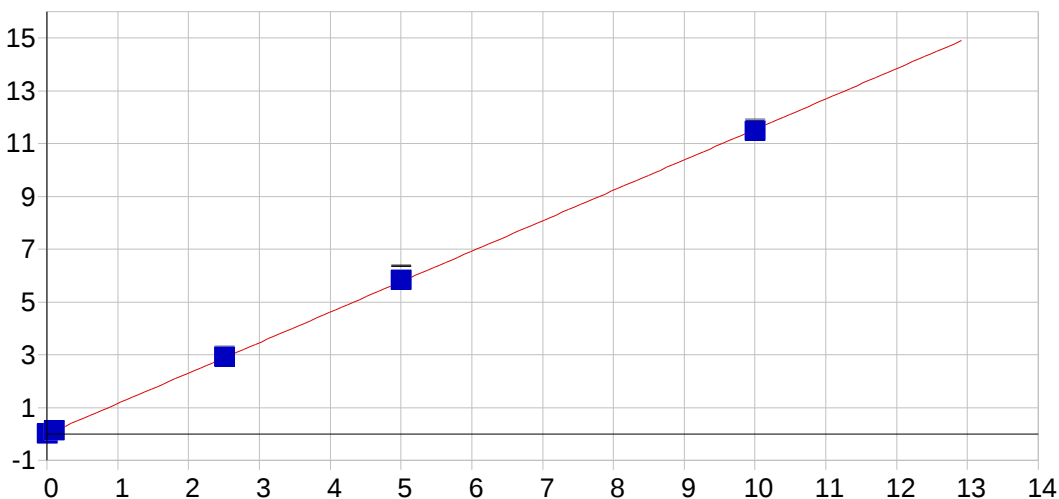


Cu 224.700 {450}

Date of Fit: 12/7/2018 16:26:36 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): -0.000422 Re-Slope: 1.000000
 A1 (Gain): 0.579205 Y-int: 0.000000
 A2 (Curvature): 0.007766
 n (Exponent): 0.960000
 Correlation: 0.999977 Status: Warning Positive Curvature
 Std Error of Est: 0.000083
 Predicted MDL: 0.000557
 Predicted MQL: 0.001857

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00042	.000	1
S1	.02000	.01917	-.001	-4.14	.01277	.000	1
S3	.62500	.63254	.008	1.21	.38179	.000	1
S4	1.2500	1.2404	-.010	-.768	.73531	.001	1
S5	2.5000	2.5029	.003	.118	1.4657	.001	1



Fe 240.488 {140}

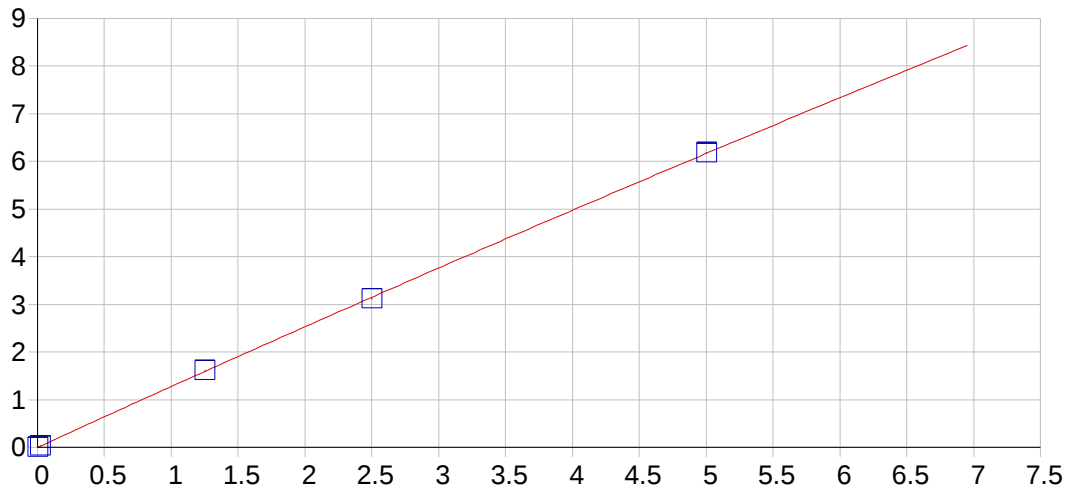
Date of Fit: 12/7/2018 16:26:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003600 Re-Slope: 1.000000
 A1 (Gain): 1.154014 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967
 Std Error of Est: 0.000508
 Predicted MDL: 0.010320
 Predicted MQL: 0.034400

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00360	.004	1
S1	.10000	.10084	.001	.843	.11334	.001	1
S3	2.5000	2.5291	.029	1.16	2.9295	.009	1
S4	5.0000	5.0403	.040	.806	5.8420	.157	1
S5	10.000	9.9298	-.070	-.702	11.513	.025	1



Mn 257.610 {131}

Date of Fit: 12/7/2018 16:26:36

Type of Fit: Curvilinear

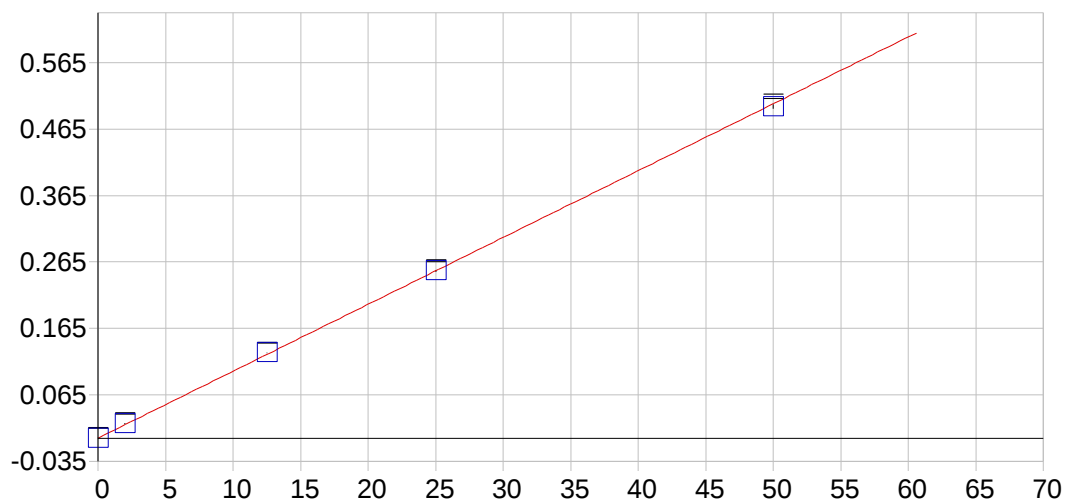
Weighting: 1/Conc

A0 (Offset): 0.000274
 A1 (Gain): 1.286580
 A2 (Curvature): -0.010638
 n (Exponent): 1.000000
 Correlation: 0.999958
 Std Error of Est: 0.000239
 Predicted MDL: 0.000063
 Predicted MQL: 0.000210

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	.00027	.000	1
S1	.02000	.02209	.002	10.5	.02869	.000	1
S3	1.2500	1.2651	.015	1.21	1.6109	.001	1
S4	2.5000	2.4725	-.028	-1.10	3.1163	.001	1
S5	5.0000	5.0103	.010	.207	6.1794	.020	1

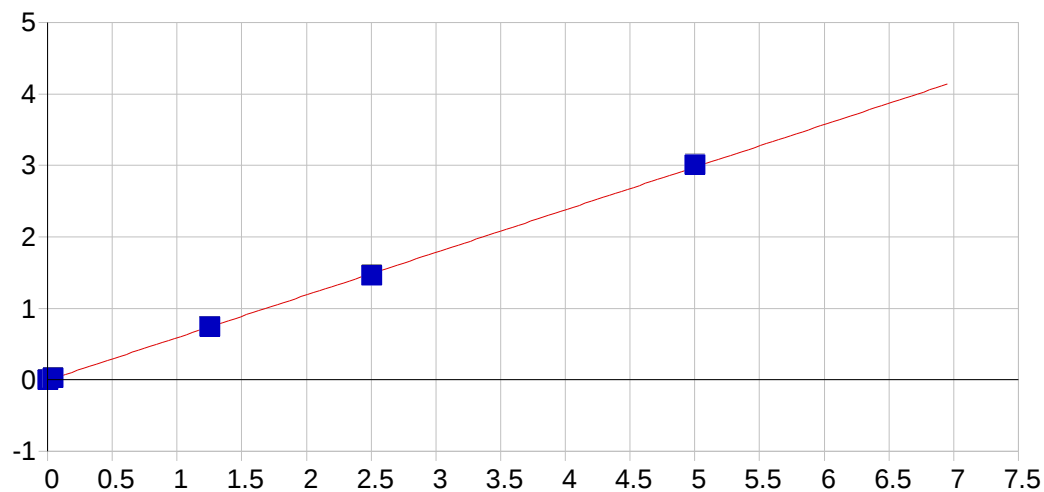


Mg 279.079 {121}

Date of Fit: 12/7/2018 16:26:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000107 Re-Slope: 1.000000
 A1 (Gain): 0.010058 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999892 Status: OK.
 Std Error of Est: 0.000081
 Predicted MDL: 0.045725
 Predicted MQL: 0.152415

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1485	.149	7.43	.02172	.001	1
S0	.00000	-.00017	-.000	.000	.00011	.000	1
S3	12.500	12.740	.240	1.92	.12825	.000	1
S4	25.000	25.036	.036	.143	.25191	.001	1
S5	50.000	49.575	-.425	-.849	.49873	.003	1



Ni 231.604 {445}

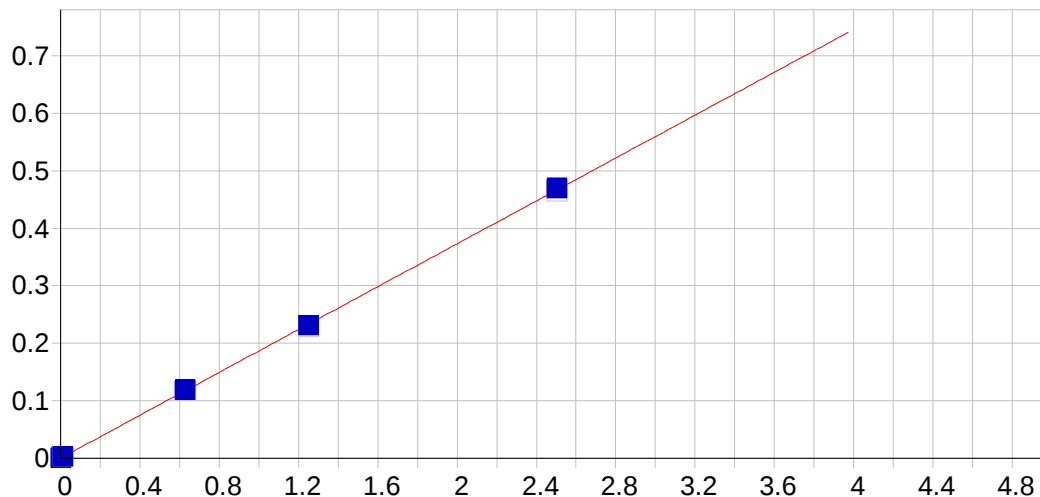
Date of Fit: 12/7/2018 16:26:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005556 Re-Slope: 1.000000
 A1 (Gain): 0.596110 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999892
 Std Error of Est: 0.000212
 Predicted MDL: 0.000468
 Predicted MQL: 0.001560

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00556	.000	1
S1	.04000	.04368	.004	9.20	.02049	.000	1
S3	1.2500	1.2416	-.008	-.674	.73537	.002	1
S4	2.5000	2.4516	-.048	-1.93	1.4575	.001	1
S5	5.0000	5.0531	.053	1.06	3.0099	.004	1



Ag 328.068 {103}

Date of Fit: 12/7/2018 16:26:36

Type of Fit: Linear

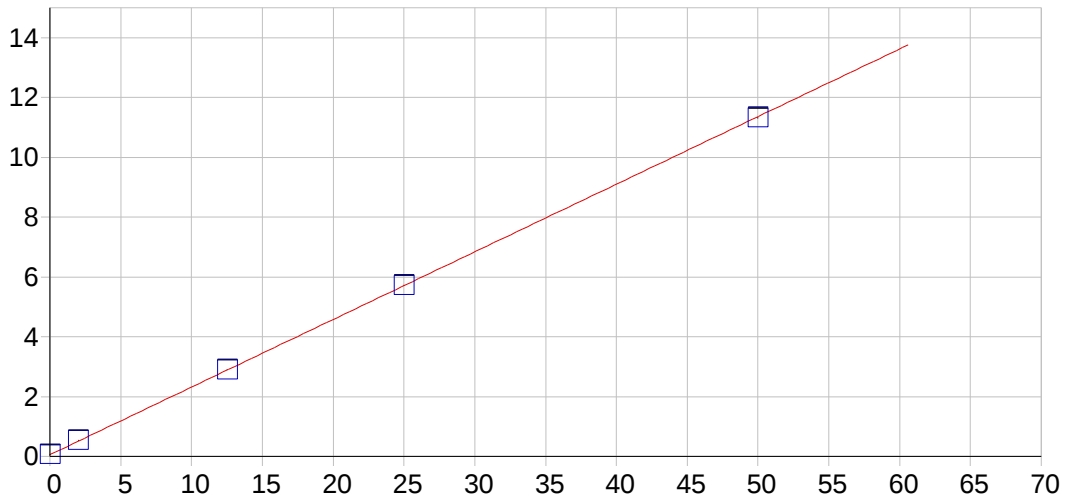
Weighting: 1/Conc

A0 (Offset): 0.000203
 A1 (Gain): 0.186372
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961
 Std Error of Est: 0.000014
 Predicted MDL: 0.000657
 Predicted MQL: 0.002190

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	.00020	.000	1
S1	.01000	.01015	.000	1.50	.00206	.000	1
S3	.62500	.63129	.006	1.01	.11654	.001	1
S4	1.2500	1.2333	-.017	-1.33	.22742	.000	1
S5	2.5000	2.5102	.010	.410	.46276	.002	1

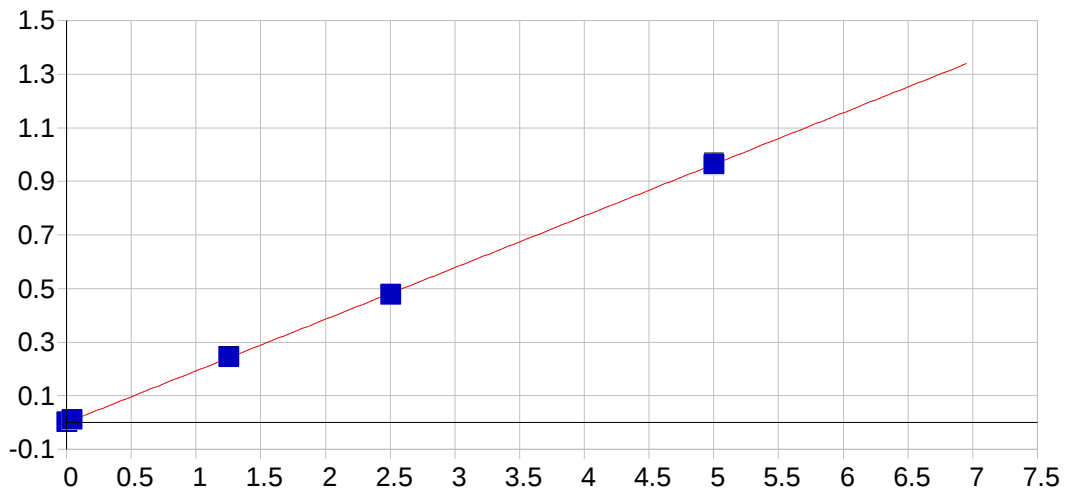


Na 589.592 { 57}

Date of Fit: 12/7/2018 16:26:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.055405 Re-Slope: 1.000000
 A1 (Gain): 0.226145 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971 Status: OK.
 Std Error of Est: 0.000932
 Predicted MDL: 0.013072
 Predicted MQL: 0.043572

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0909	.091	4.54	.52825	.001	1
S0	.00000	-.00010	-.000	.000	.05538	.002	1
S3	12.500	12.561	.061	.490	2.8961	.009	1
S4	25.000	25.027	.027	.107	5.7151	.011	1
S5	50.000	49.821	-.179	-.358	11.322	.018	1



V 292.402 {115}

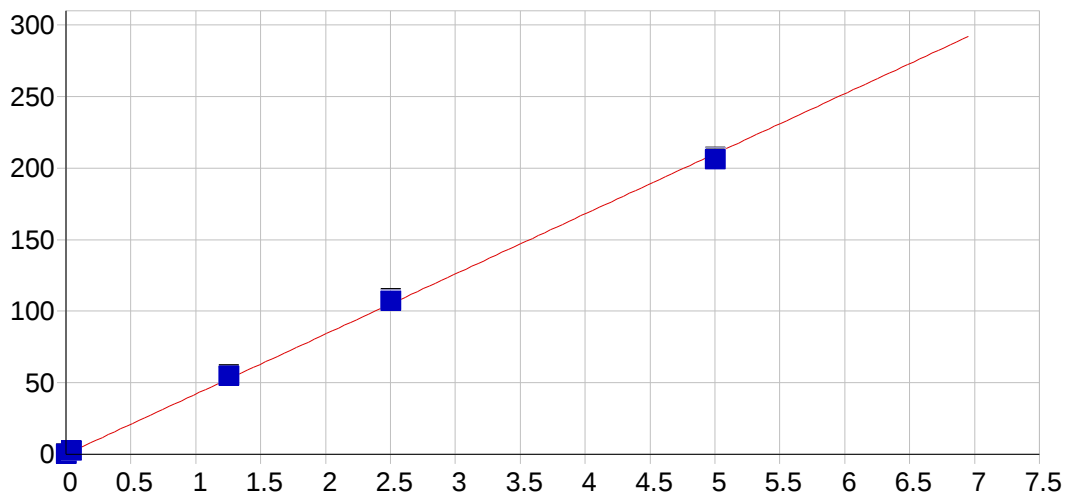
Date of Fit: 12/7/2018 16:26:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000103 Re-Slope: 1.000000
 A1 (Gain): 0.192657 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999924
 Std Error of Est: 0.000057
 Predicted MDL: 0.000544
 Predicted MQL: 0.001814

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	.04571	.006	14.3	.00858	.000	1
S3	1.2500	1.2669	.017	1.36	.24241	.001	1
S4	2.5000	2.4743	-.026	-1.03	.47344	.000	1
S5	5.0000	5.0031	.003	.062	.95748	.003	1



Zn 206.200 {163}

Date of Fit: 12/7/2018 16:26:36

Type of Fit: Linear

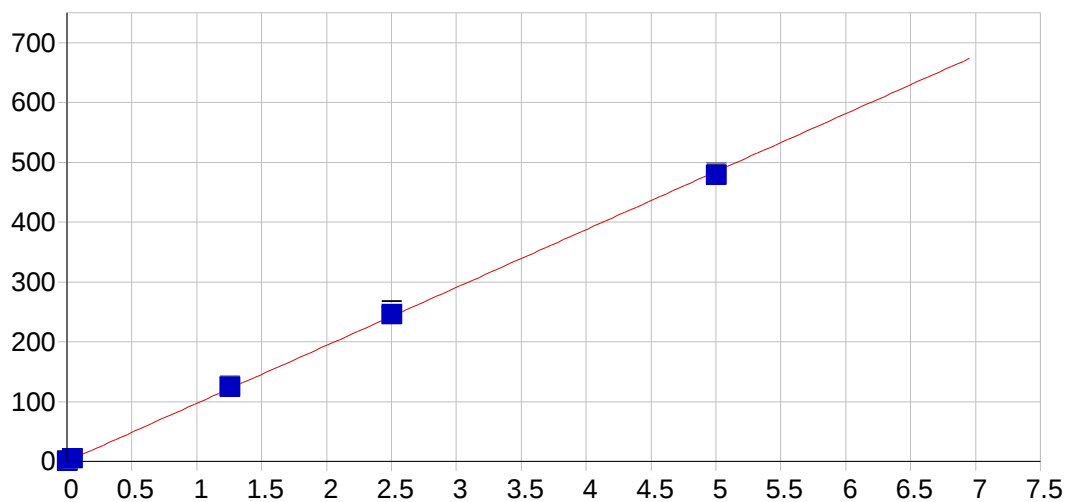
Weighting: 1/Conc

A0 (Offset): 0.072728
 A1 (Gain): 41.992193
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999699
 Std Error of Est: 0.025089
 Predicted MDL: 0.000406
 Predicted MQL: 0.001353

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	.07240	.004	1
S1	.04000	.04655	.007	16.4	2.0384	.044	1
S3	1.2500	1.2937	.044	3.49	54.714	.723	1
S4	2.5000	2.5469	.047	1.87	107.66	1.16	1
S5	5.0000	4.9029	-.097	-1.94	207.23	.146	1

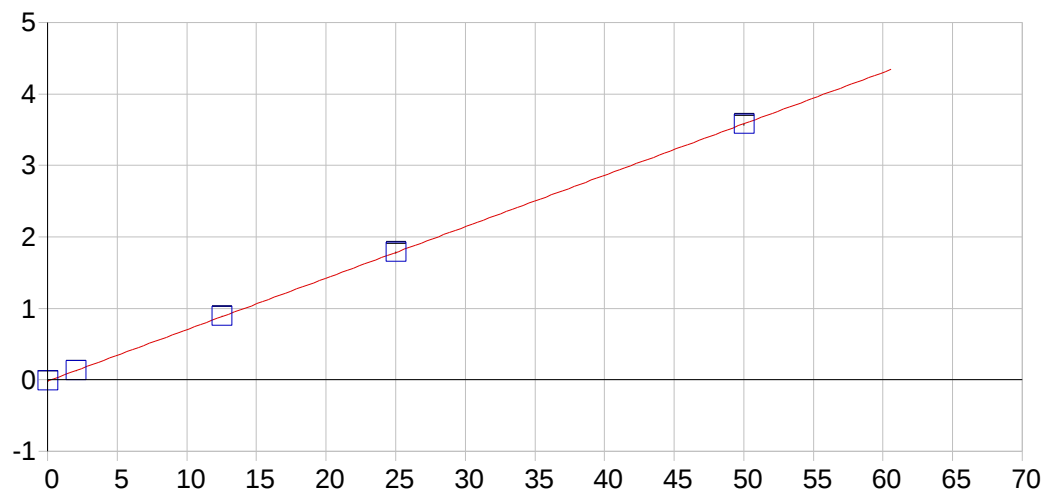


Zn 213.856 {458}

Date of Fit: 12/7/2018 16:26:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.142213 Re-Slope: 1.000000
 A1 (Gain): 96.858146 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999849 Status: OK.
 Std Error of Est: 0.040986
 Predicted MDL: 0.000090
 Predicted MQL: 0.000299

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.14152	.002	1
S1	.04000	.04637	.006	15.9	4.6591	.044	1
S3	1.2500	1.2755	.025	2.04	124.41	1.09	1
S4	2.5000	2.5306	.031	1.22	246.72	4.77	1
S5	5.0000	4.9376	-.062	-1.25	481.32	.299	1



K 766.490 {44}

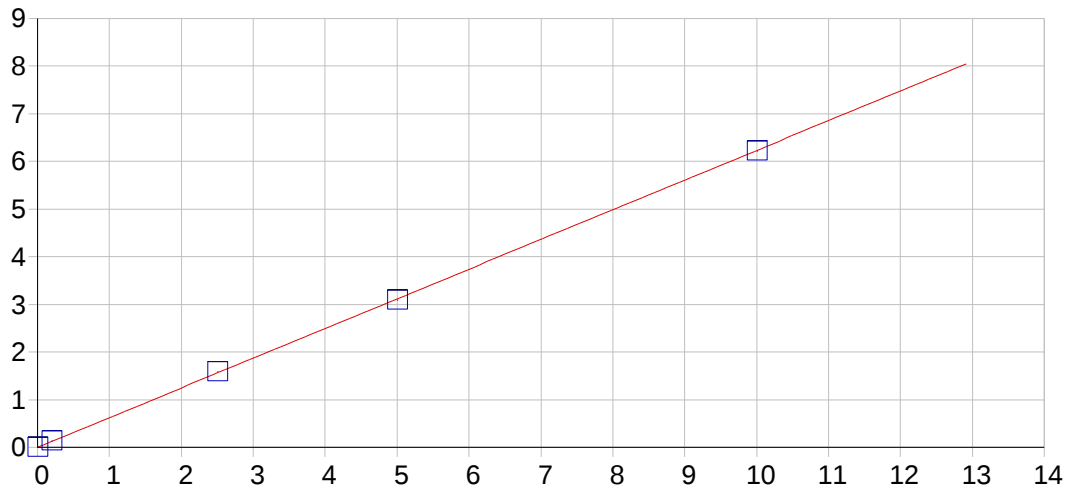
Date of Fit: 12/7/2018 16:26:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.016971 Re-Slope: 1.000000
 A1 (Gain): 0.071974 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999991
 Std Error of Est: 0.000167
 Predicted MDL: 0.045152
 Predicted MQL: 0.150505

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0192	.019	.961	.12836	.002	1
S0	.00000	-.00003	-.000	.000	-.01697	.000	1
S3	12.500	12.614	.114	.915	.89094	.002	1
S4	25.000	25.005	.005	.018	1.7827	.012	1
S5	50.000	49.862	-.138	-.277	3.5718	.014	1



Mo 202.030 {467}

Date of Fit: 12/7/2018 16:26:36

Type of Fit: Linear

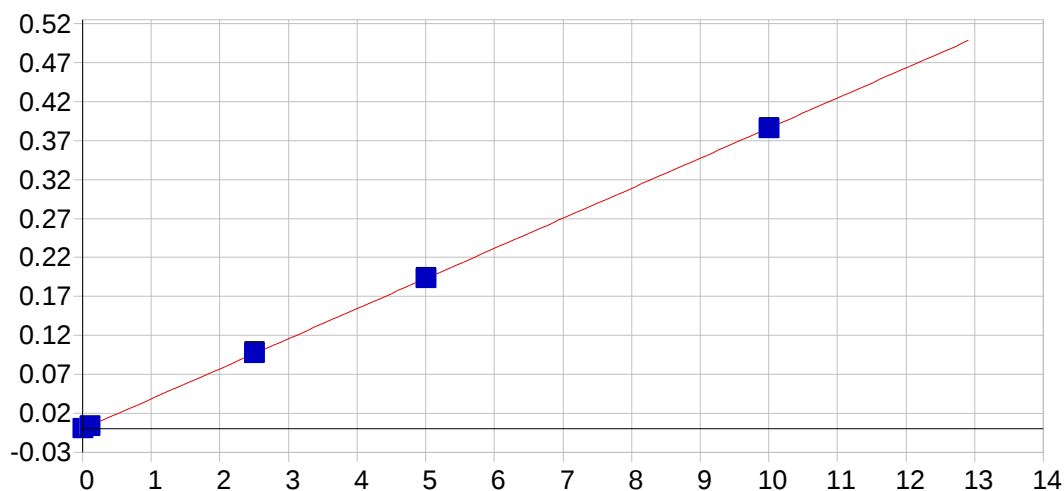
Weighting: 1/Conc

A0 (Offset): 0.000075
 A1 (Gain): 0.623213
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999950
 Std Error of Est: 0.000479
 Predicted MDL: 0.000312
 Predicted MQL: 0.001039

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	.00007	.000	1
S1	.20000	.21035	.010	5.17	.13117	.002	1
S3	2.5000	2.5472	.047	1.89	1.5875	.001	1
S4	5.0000	4.9604	-.040	-.793	3.0914	.000	1
S5	10.000	9.9821	-.018	-.179	6.2210	.004	1

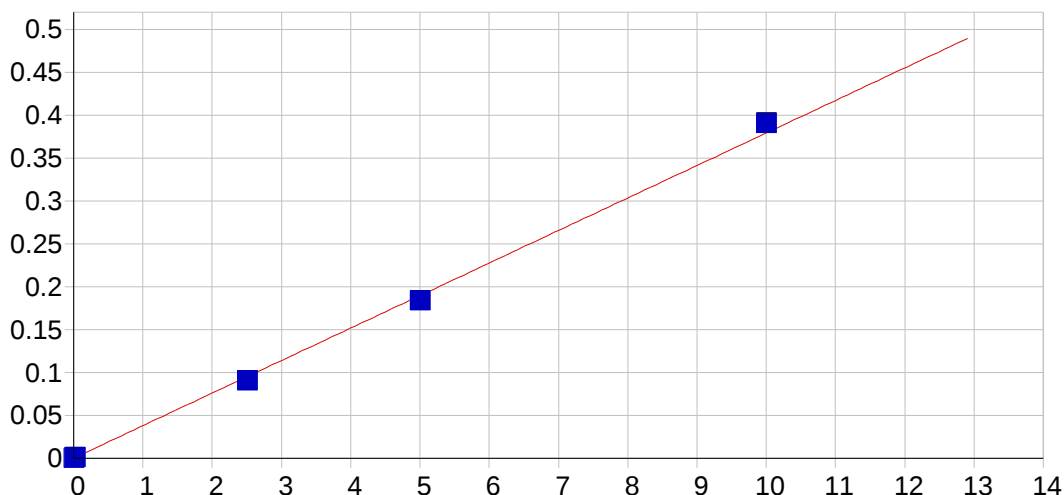


B 249.678 {135}

Date of Fit: 12/7/2018 16:26:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000061 Re-Slope: 1.000000
 A1 (Gain): 0.038594 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999998 Status: OK.
 Std Error of Est: 0.000004
 Predicted MDL: 0.010263
 Predicted MQL: 0.034210

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00006	.000	1
S1	.10000	.09920	-.001	-.799	.00387	.000	1
S3	2.5000	2.5114	.011	.457	.09676	.002	1
S4	5.0000	5.0003	.000	.005	.19259	.001	1
S5	10.000	9.9891	-.011	-.109	.38468	.001	1



S 182.034 {485}

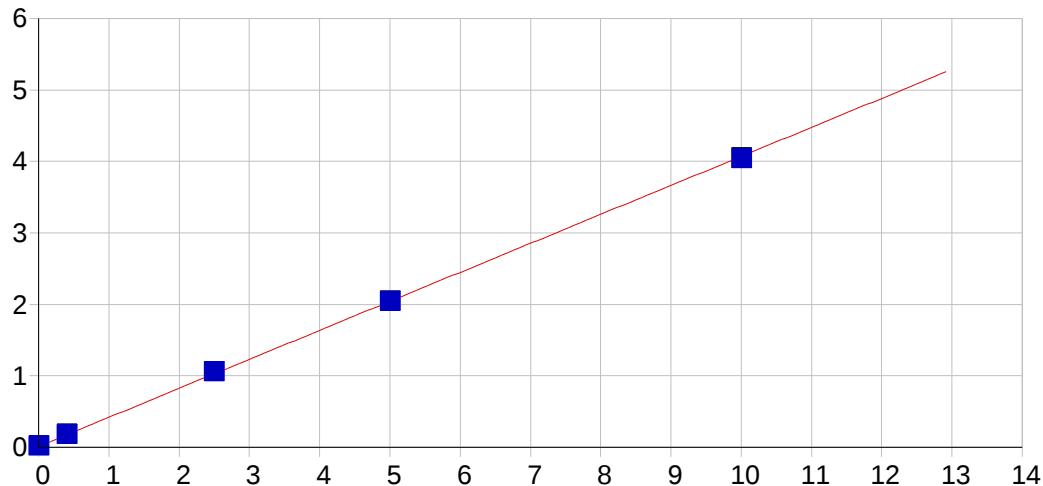
Date of Fit: 12/7/2018 16:26:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000200 Re-Slope: 1.000000
 A1 (Gain): 0.037905 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999330
 Std Error of Est: 0.000033
 Predicted MDL: 0.003324
 Predicted MQL: 0.011081

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00020	.000	1
S1	.02000	.01278	-.007	-36.1	.00066	.000	1
S3	2.5000	2.3687	-.131	-5.25	.08988	.000	1
S4	5.0000	4.8406	-.159	-3.19	.18347	.000	1
S5	10.000	10.298	.298	2.98	.39011	.000	1



Si 288.158 {117}

Date of Fit: 12/7/2018 16:26:36

Type of Fit: Linear

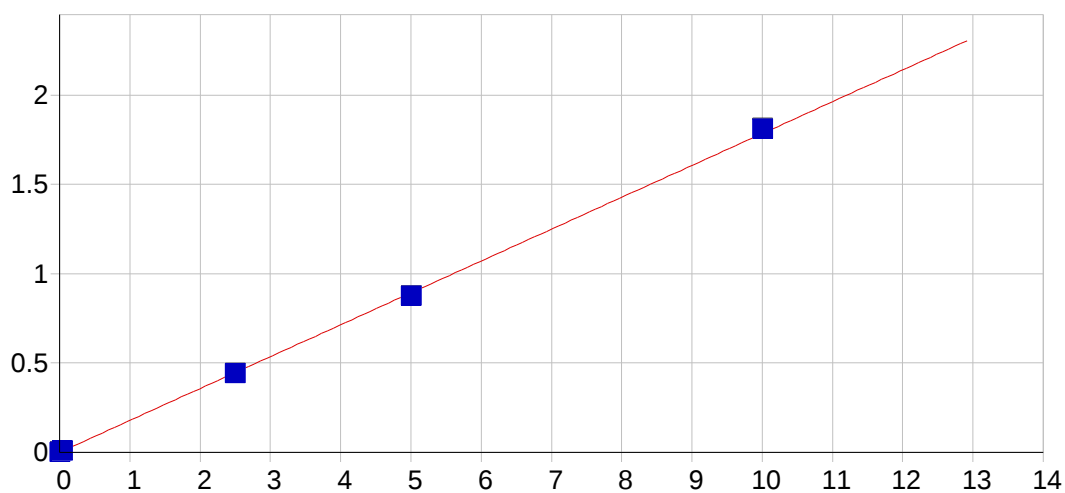
Weighting: 1/Conc

A0 (Offset): 0.013643
 A1 (Gain): 0.405706
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999930
 Std Error of Est: 0.000523
 Predicted MDL: 0.002869
 Predicted MQL: 0.009562

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.01364	.000	1
S1	.40000	.41010	.010	2.53	.17989	.002	1
S3	2.5000	2.5658	.066	2.63	1.0541	.003	1
S4	5.0000	4.9947	-.005	-.107	2.0389	.002	1
S5	10.000	9.9294	-.071	-.706	4.0399	.007	1

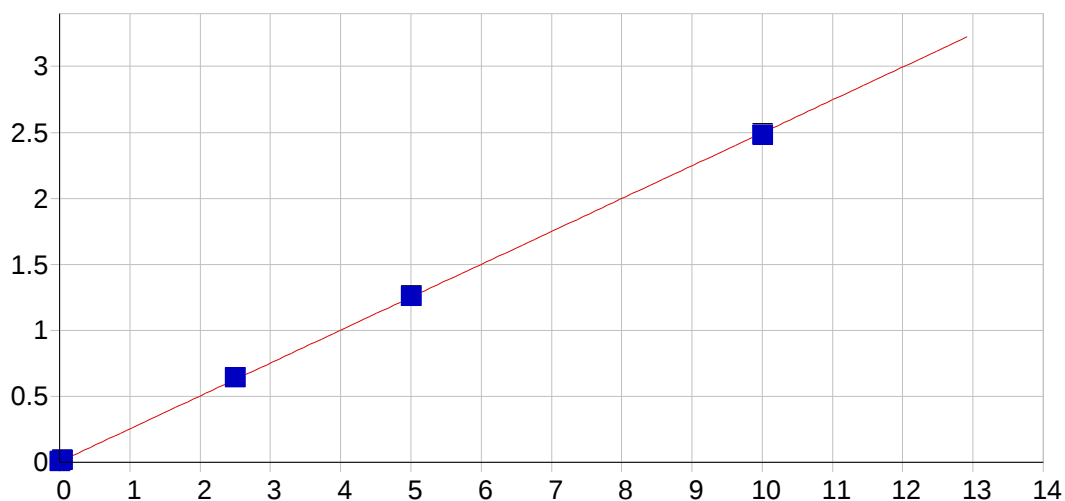


Sn 189.989 {477}

Date of Fit: 12/7/2018 16:26:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000784 Re-Slope: 1.000000
 A1 (Gain): 0.178352 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999863 Status: OK.
 Std Error of Est: 0.000101
 Predicted MDL: 0.000726
 Predicted MQL: 0.002420

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00078	.000	1
S1	.04000	.04127	.001	3.18	.00814	.000	1
S3	2.5000	2.4613	-.039	-1.55	.43983	.000	1
S4	5.0000	4.8962	-.104	-2.08	.87418	.001	1
S5	10.000	10.141	.141	1.41	1.8098	.002	1



Ti 336.121 {100}

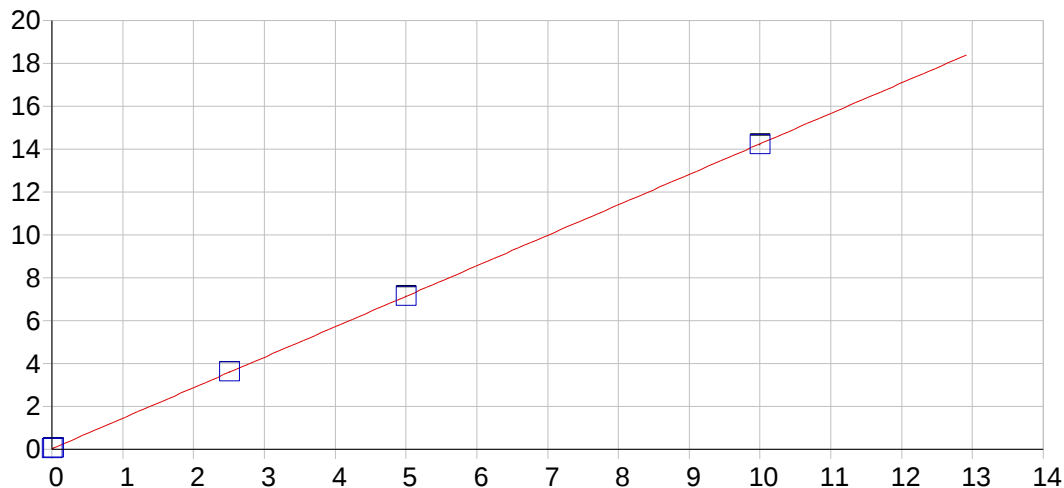
Date of Fit: 12/7/2018 16:26:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004530 Re-Slope: 1.000000
 A1 (Gain): 0.249235 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999944
 Std Error of Est: 0.000090
 Predicted MDL: 0.002589
 Predicted MQL: 0.008630

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00453	.000	1
S1	.04000	.04500	.005	12.5	.01574	.001	1
S3	2.5000	2.5414	.041	1.66	.63785	.001	1
S4	5.0000	5.0254	.025	.508	1.2569	.003	1
S5	10.000	9.9282	-.072	-.718	2.4787	.007	1



Li 670.784 { 50}

Date of Fit: 12/7/2018 16:26:36

Type of Fit: Linear

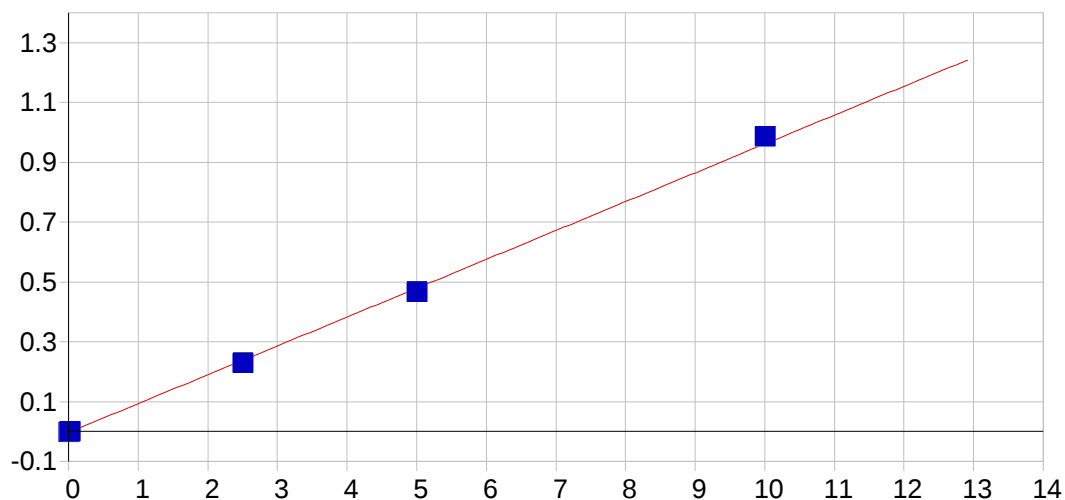
Weighting: 1/Conc

A0 (Offset): 0.027932
 A1 (Gain): 1.421746
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999994
 Std Error of Est: 0.000121
 Predicted MDL: 0.002168
 Predicted MQL: 0.007228

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	.02793	.001	1
S1	.02000	.01978	-.000	-1.12	.05605	.002	1
S3	2.5000	2.5213	.021	.850	3.6125	.008	1
S4	5.0000	4.9968	-.003	-.065	7.1321	.029	1
S5	10.000	9.9822	-.018	-.178	14.220	.028	1



P 177.495 {490}

Date of Fit: 12/7/2018 16:26:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003316 Re-Slope: 1.000000
 A1 (Gain): 0.096458 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999579 Status: OK.
 Std Error of Est: 0.000068
 Predicted MDL: 0.001556
 Predicted MQL: 0.005188

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00332	.000	1
S1	.02000	.01753	-.002	-12.3	-.00163	.000	1
S3	2.5000	2.3942	-.106	-4.23	.22727	.000	1
S4	5.0000	4.8614	-.139	-2.77	.46491	.001	1
S5	10.000	10.247	.247	2.47	.98367	.001	1



Y 224.306 {450}*

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

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



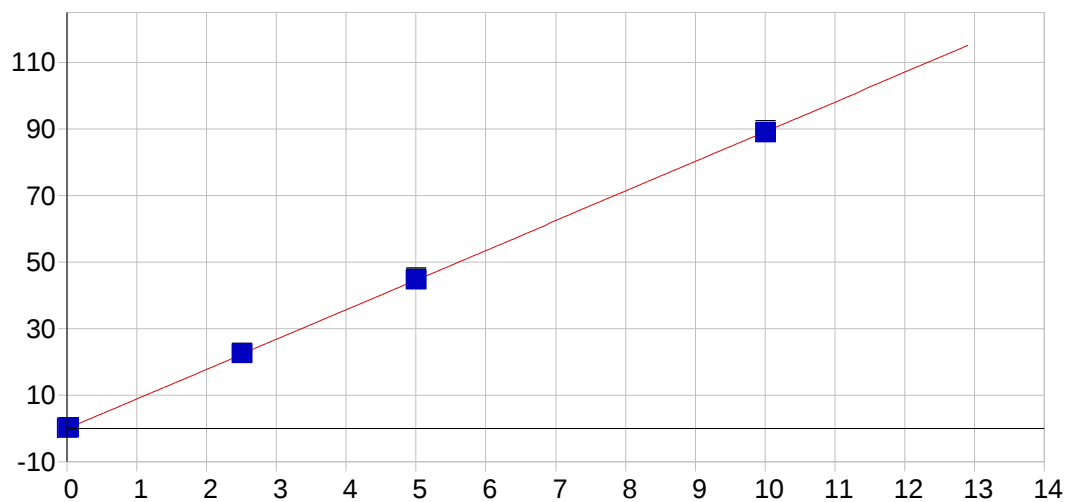




In 230.606 {446}*
 Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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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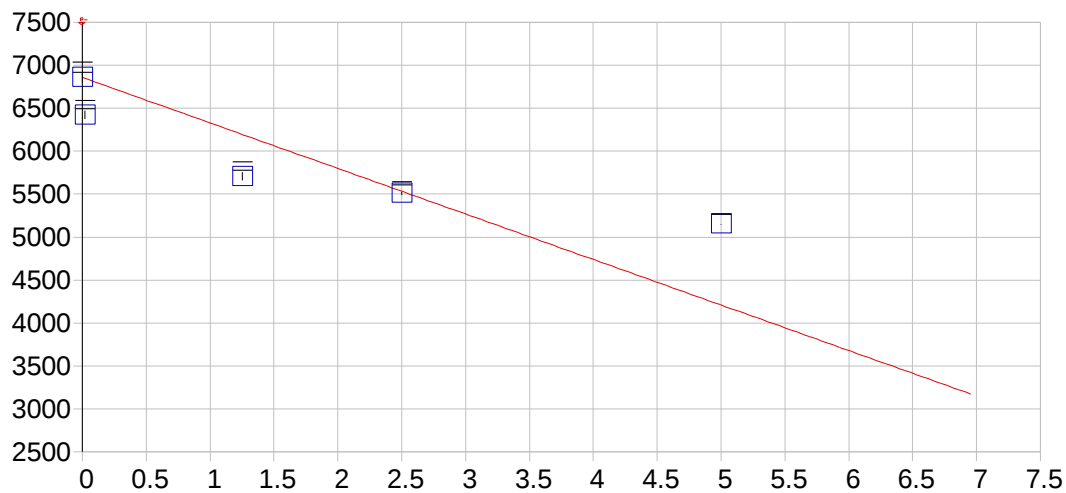


Sr 407.771 { 83}
 Date of Fit: 12/7/2018 16:26:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.005508	Re-Slope:	1.000000
A1 (Gain):	8.918498	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999985	Status:	OK.
Std Error of Est:	0.001179		
Predicted MDL:	0.000135		

Predicted MQL: 0.000449

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00552	.000	1
S1	.02000	.02064	.001	3.19	.17953	.001	1
S3	2.5000	2.5286	.029	1.15	22.571	.004	1
S4	5.0000	5.0101	.010	.203	44.726	.406	1
S5	10.000	9.9606	-.039	-.394	88.926	.544	1

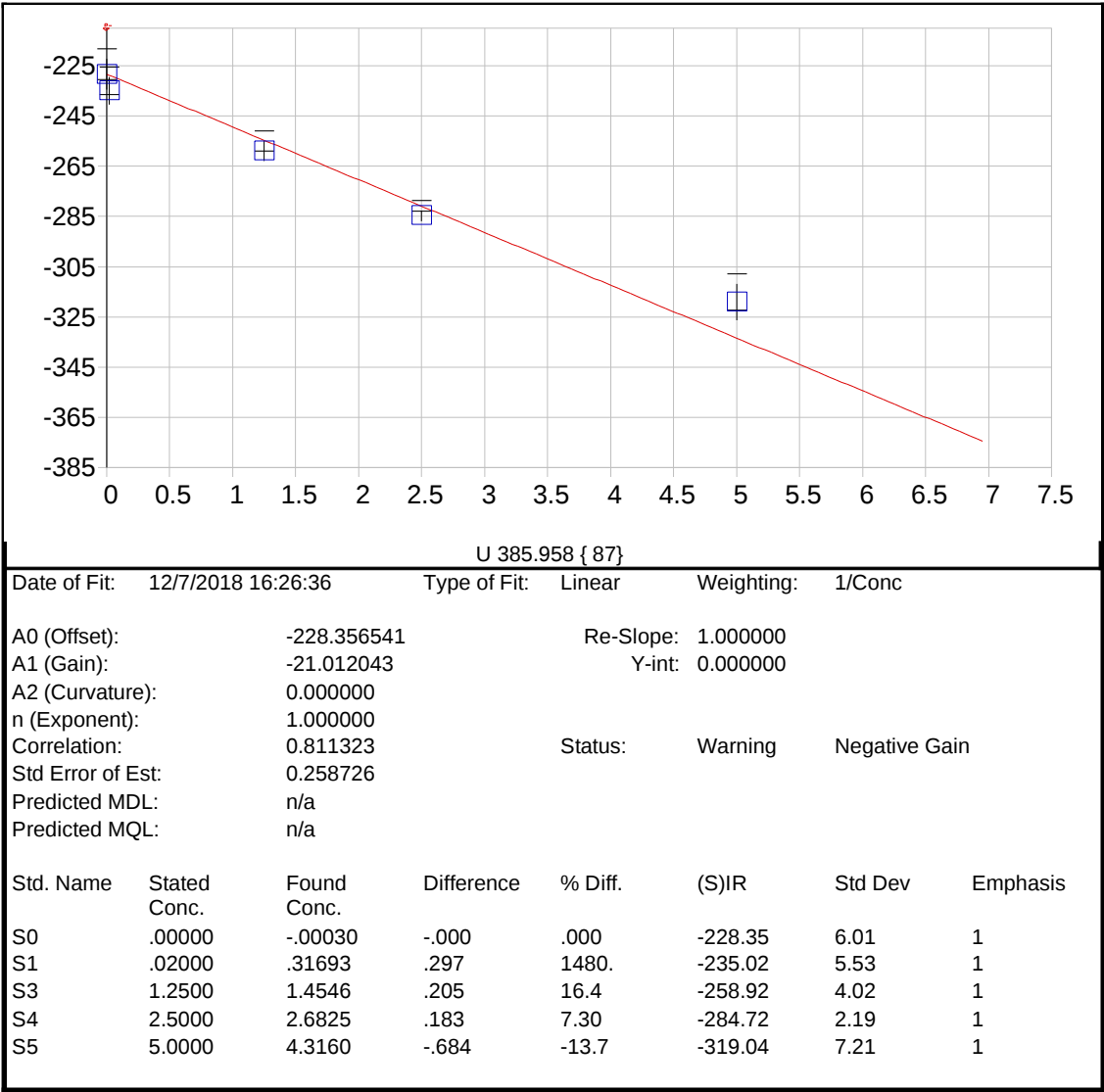


U 367.007 { 92 }

Date of Fit: 12/7/2018 16:26:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 6859.137014 Re-Slope: 1.000000
A1 (Gain): -530.072506 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.454994 Status: Warning Negative Gain
Std Error of Est: 17.728395
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00081	-.001	.000	6859.6	61.6	1
S1	.02000	.82306	.803	4020.	6422.9	45.7	1
S3	1.2500	2.1736	.924	73.9	5707.0	51.2	1
S4	2.5000	2.5486	.049	1.95	5508.2	20.8	1
S5	5.0000	3.2247	-1.78	-35.5	5149.8	2.48	1



Sample Name: S0 Acquired: 12/7/2018 11:39:05 Type: Cal
Method: P4-ICP2(v2639) 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	-.00006	-.00077	.00265	-.00012	.00051	-.00010	.07884	.00005
Stddev	.00009	.00008	.00004	.00004	.00016	.00005	.00252	.00002
%RSD	156.29	10.594	1.3852	37.440	30.725	48.011	3.2002	38.944

#1	-.00012	-.00071	.00263	-.00015	.00040	-.00006	.07705	.00007
#2	.00001	-.00083	.00268	-.00008	.00062	-.00013	.08062	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00093	.00043	.00000	-.00021	-.00042	-.00360	.00027	.00011
Stddev	.00011	.00024	.00001	.00006	.00006	.00445	.00003	.00020
%RSD	12.266	55.637	335.12	28.326	13.755	123.46	11.479	193.99

#1	-.00085	.00026	.00001	-.00026	-.00046	-.00675	.00025	-.00004
#2	-.00101	.00060	-.00000	-.00017	-.00038	-.00046	.00029	.00025

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	-.00556	.00020	.05538	-.00010	.14152	-.01697	.00007	.00006
Stddev	.00001	.00004	.00196	.00007	.00166	.00012	.00006	.00020
%RSD	.22981	20.397	3.5415	65.127	1.1760	.71718	95.598	328.52

#1	-.00555	.00017	.05400	-.00006	.14269	-.01706	.00011	.00020
#2	-.00557	.00023	.05677	-.00015	.14034	-.01689	.00002	-.00008

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	.00020	.01364	.00078	.00453	.02793	-.0033	-.00552	6859.6
Stddev	.00004	.00028	.00011	.00039	.00109	.0000	.00032	61.6
%RSD	18.010	2.0722	14.332	8.6623	3.8903	.6795	5.7748	.89841

#1	.00023	.01384	.00086	.00425	.02716	-.0033	-.00529	6816.0
#2	.00018	.01344	.00070	.00481	.02870	-.0033	-.00574	6903.1

Sample Name: S0 Acquired: 12/7/2018 11:39:05 Type: Cal
Method: P4-ICP2(v2639) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-228.35
Stddev	6.01
%RSD	2.6311

#1	-232.60
#2	-224.10

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4378.2	60769.	4584.7	107.74	4788.7
Stddev	37.0	411.	79.1	2.17	30.9
%RSD	.84556	.67664	1.7243	2.0182	.64570

#1	4404.4	60478.	4528.8	106.20	4810.6
#2	4352.0	61060.	4640.6	109.28	4766.9

Sample Name: S1 Acquired: 12/7/2018 11:43:08 Type: Cal
Method: P4-ICP2(v2639) 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	.00105	.00585	.00629	.00125	.00792	.00056	.52011	.00577
Stddev	.00004	.00000	.00001	.00005	.00047	.00005	.00412	.00002
%RSD	3.4711	.05649	.19078	3.9378	5.8682	9.0749	.79153	.29844

#1	.00103	.00585	.00628	.00129	.00760	.00060	.52302	.00578
#2	.00108	.00585	.00630	.00122	.00825	.00053	.51720	.00576

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	.01818	.00135	.03573	.01277	.11334	.02869	.02049	.00206
Stddev	.00035	.00004	.00047	.00031	.00056	.00001	.00010	.00005
%RSD	1.9109	3.0003	1.3260	2.3924	.49684	.03825	.46698	2.2433

#1	.01793	.00132	.03539	.01255	.11374	.02870	.02043	.00209
#2	.01843	.00138	.03606	.01298	.11294	.02868	.02056	.00202

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	.00858	4.6591	.13117	.00387	.00066	.17989	.00814	.01574
Stddev	.00011	.0444	.00203	.00017	.00007	.00242	.00001	.00075
%RSD	1.2926	.95307	1.5500	4.4103	10.318	1.3478	.08771	4.7721

#1	.00866	4.6905	.12973	.00375	.00071	.17817	.00814	.01627
#2	.00850	4.6277	.13260	.00399	.00061	.18160	.00815	.01521

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05605	-.0016	.17953	6422.9	-235.02
Stddev	.00166	.0000	.00091	45.7	5.53
%RSD	2.9573	.9734	.50965	.71165	2.3546

#1	.05488	-.0016	.18018	6455.2	-231.10
#2	.05722	-.0016	.17888	6390.5	-238.93

Sample Name: S1 Acquired: 12/7/2018 11:43:08 Type: Cal
Method: P4-ICP2(v2639) 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	4328.2	59475.	4514.1	104.38	4683.3
Stddev	37.7	34.	20.6	1.40	43.7
%RSD	.87104	.05735	.45726	1.3436	.93357
#1	4354.8	59499.	4528.7	103.38	4714.3
#2	4301.5	59451.	4499.5	105.37	4652.4

Sample Name: S2 Acquired: 12/7/2018 11:47:11 Type: Cal
Method: P4-ICP2(v2639) 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	.08189	.02172	.52825	.12836
Stddev	.00086	.00078	.00148	.00164
%RSD	1.0528	3.6140	.28015	1.2740

#1	.08250	.02116	.52720	.12952
#2	.08128	.02227	.52929	.12720

Int. Std.	Y_3710
Units	Cts/S
Avg	4484.8
Stddev	16.7
%RSD	.37213

#1	4473.0
#2	4496.6

Sample Name: S3 Acquired: 12/7/2018 11:51:07 Type: Cal
Method: P4-ICP2(v2639) 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	.13914	.37398	.69608	.15582	.33843	.02775	20.199	.11662
Stddev	.00056	.00069	.00066	.00032	.00032	.00001	.042	.00023
%RSD	.39995	.18401	.09420	.20290	.09343	.04286	.20721	.19684

#1	.13953	.37446	.69561	.15560	.33865	.02774	20.229	.11678
#2	.13874	.37349	.69654	.15604	.33821	.02775	20.170	.11646

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	3.9066	.48932	.06314	1.3491	.38179	2.9295	1.6109	.12825
Stddev	.0080	.00183	.00031	.0035	.00046	.0092	.0013	.00006
%RSD	.20494	.37305	.48353	.26068	.12138	.31544	.07936	.04664

#1	3.9010	.48803	.06336	1.3466	.38212	2.9230	1.6118	.12821
#2	3.9123	.49061	.06292	1.3516	.38147	2.9360	1.6100	.12829

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	.73537	.11654	2.8961	.24241	124.41	.89094	1.5875	.09676
Stddev	.00158	.00070	.0086	.00070	1.09	.00203	.0009	.00151
%RSD	.21519	.60429	.29874	.28817	.87350	.22838	.05703	1.5607

#1	.73426	.11704	2.9022	.24290	123.64	.88950	1.5882	.09569
#2	.73649	.11604	2.8899	.24191	125.18	.89238	1.5869	.09783

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	.08988	1.0541	.43983	.63785	3.6125	.2273	22.571	5707.0
Stddev	.00007	.0031	.00034	.00080	.0083	.0000	.004	51.2
%RSD	.07249	.29222	.07688	.12532	.22907	.0176	.01978	.89669

#1	.08983	1.0519	.43959	.63729	3.6067	.2273	22.574	5670.8
#2	.08993	1.0563	.44007	.63842	3.6184	.2272	22.568	5743.1

Sample Name: S3 Acquired: 12/7/2018 11:51:07 Type: Cal
Method: P4-ICP2(v2639) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-258.92
Stddev	4.02
%RSD	1.5527

#1	-256.08
#2	-261.76

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4155.6	56362.	4393.0	100.71	4267.1
Stddev	14.1	237.	11.5	.63	3.0
%RSD	.33993	.42136	.26148	.62323	.07017

#1	4145.7	56194.	4384.9	101.16	4265.0
#2	4165.6	56530.	4401.2	100.27	4269.3

Sample Name: S4 Acquired: 12/7/2018 11:54:53 Type: Cal
Method: P4-ICP2(v2639) 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	.27382	.73444	1.3742	.30518	.66285	.05477	40.191	.22775
Stddev	.00012	.00053	.0017	.00054	.00011	.00056	.107	.00044
%RSD	.04494	.07225	.12558	.17802	.01621	1.0167	.26598	.19522
#1	.27391	.73406	1.3730	.30480	.66277	.05437	40.115	.22806
#2	.27374	.73481	1.3754	.30557	.66293	.05516	40.266	.22743
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.7931	.95755	.12325	2.6791	.73531	5.8420	3.1163	.25191
Stddev	.0008	.01032	.00028	.0000	.00100	.1569	.0009	.00141
%RSD	.01052	1.0779	.22507	.00001	.13604	2.6853	.02945	.56112
#1	7.7925	.95025	.12306	2.6791	.73460	5.7311	3.1157	.25091
#2	7.7937	.96485	.12345	2.6791	.73602	5.9529	3.1169	.25291
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	1.4575	.22742	5.7151	.47344	246.72	1.7827	3.0914	.19259
Stddev	.0010	.00001	.0114	.00024	4.77	.0115	.0002	.00083
%RSD	.07119	.00221	.19861	.05019	1.9333	.64747	.00595	.43317
#1	1.4582	.22741	5.7071	.47327	243.34	1.7745	3.0916	.19318
#2	1.4568	.22742	5.7231	.47360	250.09	1.7909	3.0913	.19200
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	.18347	2.0389	.87418	1.2569	7.1321	.4649	44.726	5508.2
Stddev	.00008	.0016	.00135	.0030	.0291	.0012	.406	20.8
%RSD	.04528	.07922	.15467	.23692	.40868	.2626	.90854	.37700
#1	.18353	2.0378	.87323	1.2590	7.1114	.4640	44.439	5522.9
#2	.18341	2.0401	.87514	1.2548	7.1527	.4658	45.014	5493.5

Sample Name: S4 Acquired: 12/7/2018 11:54:53 Type: Cal
Method: P4-ICP2(v2639) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-284.72
Stddev	2.19
%RSD	.76908

#1	-283.17
#2	-286.27

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4113.1	55703.	4338.0	98.047	4103.8
Stddev	4.5	146.	10.7	1.822	6.3
%RSD	.10988	.26287	.24738	1.8585	.15248

#1	4109.9	55807.	4345.5	99.336	4099.4
#2	4116.3	55600.	4330.4	96.759	4108.2

Sample Name: S5 Acquired: 12/7/2018 11:58:40 Type: Cal
Method: P4-ICP2(v2639) 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	.55762	1.4905	2.8350	.61722	1.3447	.11340	80.088	.45967
Stddev	.00091	.0009	.0015	.00019	.0010	.00017	.032	.00139
%RSD	.16313	.06031	.05156	.03134	.07109	.15016	.04006	.30284
#1	.55697	1.4899	2.8360	.61736	1.3440	.11352	80.111	.46065
#2	.55826	1.4911	2.8339	.61708	1.3453	.11328	80.065	.45868
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	16.145	1.9137	.24836	5.5564	1.4657	11.513	6.1794	.49873
Stddev	.007	.0025	.00039	.0010	.0007	.025	.0196	.00329
%RSD	.04044	.12854	.15595	.01826	.04693	.22005	.31713	.65965
#1	16.150	1.9154	.24864	5.5571	1.4652	11.496	6.1656	.49640
#2	16.141	1.9119	.24809	5.5557	1.4662	11.531	6.1933	.50105
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.0099	.46276	11.322	.95748	481.32	3.5718	6.2210	.38468
Stddev	.0035	.00198	.018	.00270	.30	.0137	.0045	.00106
%RSD	.11698	.42870	.15504	.28153	.06221	.38366	.07151	.27635
#1	3.0124	.46416	11.310	.95939	481.10	3.5621	6.2179	.38392
#2	3.0074	.46135	11.335	.95558	481.53	3.5815	6.2242	.38543
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	.39011	4.0399	1.8098	2.4787	14.220	.9837	88.926	5149.8
Stddev	.00009	.0073	.0016	.0073	.028	.0007	.544	2.5
%RSD	.02310	.18003	.08723	.29586	.19451	.0676	.61229	.04814
#1	.39018	4.0348	1.8087	2.4735	14.201	.9841	89.311	5151.6
#2	.39005	4.0450	1.8109	2.4839	14.240	.9832	88.541	5148.1

Sample Name: S5 Acquired: 12/7/2018 11:58:40 Type: Cal
Method: P4-ICP2(v2639) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-319.04
Stddev	7.21
%RSD	2.2597

#1	-324.14
#2	-313.95

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3919.9	53094.	4261.5	96.066	3764.4
Stddev	5.6	135.	1.6	.059	9.8
%RSD	.14346	.25490	.03673	.06122	.25930

#1	3915.9	52999.	4260.4	96.025	3757.5
#2	3923.9	53190.	4262.6	96.108	3771.4

Sample Name: ICV01 Acquired: 12/7/2018 12:02:38 Type: Unk
Method: P4-ICP2(v2639) 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	1.0228	1.0459	1.0069	1.0225	1.0126	2.5788	F .52311	.49591
Stddev	.0004	.0056	.0052	.0015	.0052	.0060	.00018	.00049
%RSD	.04250	.53385	.52022	.14744	.51647	.23458	.03467	.09797
#1	1.0224	1.0419	1.0032	1.0214	1.0089	2.5745	.52324	.49626
#2	1.0231	1.0498	1.0106	1.0235	1.0163	2.5831	.52298	.49557
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48738	10.491	.51449	.50247	.51589	5.1466	.51381	6.2286
Stddev	.00027	.070	.00164	.00060	.00085	.0428	.00070	.0100
%RSD	.05516	.67057	.31823	.11892	.16541	.83121	.13668	.16080
#1	.48719	10.441	.51333	.50205	.51649	5.1163	.51331	6.2215
#2	.48757	10.540	.51565	.50289	.51528	5.1768	.51431	6.2357
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50554	.48286	10.165	.51416	1.0625	10.248	2.4957	2.5038
Stddev	.00222	.00127	.043	.00029	.0028	.013	.0042	.0231
%RSD	.43847	.26401	.42142	.05572	.25948	.12524	.16783	.92095
#1	.50397	.48196	10.134	.51437	1.0606	10.239	2.4987	2.4875
#2	.50711	.48376	10.195	.51396	1.0645	10.257	2.4927	2.5201
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.2688	2.4645	2.3854	2.4747	2.4711	F .0175	F .02323	F 2.5559
Stddev	.0031	.0172	.0087	.0177	.0190	.0001	.00016	.0669
%RSD	.13586	.69889	.36640	.71698	.76706	.5821	.69460	2.6157
#1	2.2710	2.4523	2.3792	2.4622	2.4577	.0176	.02312	2.5086
#2	2.2666	2.4767	2.3916	2.4873	2.4845	.0174	.02335	2.6031

Sample Name: ICV01 Acquired: 12/7/2018 12:02:38 Type: Unk
 Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.8691
Stddev	.2389
%RSD	12.781

#1	2.0380
#2	1.7002

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4108.3	55860.	4309.4	98.695	4296.0
Stddev	6.8	95.	17.4	.254	3.1
%RSD	.16507	.17005	.40374	.25729	.07319

#1	4103.5	55927.	4321.7	98.875	4293.8
#2	4113.1	55793.	4297.1	98.516	4298.2

Sample Name: LLICV01 Acquired: 12/7/2018 12:16:51 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02050	.04408	.01237	.02349	.05677	.10682	.10925	.00619
Stddev	.00039	.00063	.00015	.00079	.00026	.00284	.00121	.00007
%RSD	1.9094	1.4198	1.2021	3.3614	.45967	2.6590	1.1120	1.1052
#1	.02023	.04363	.01227	.02293	.05696	.10883	.10839	.00624
#2	.02078	.04452	.01248	.02405	.05659	.10481	.11011	.00615
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00568	2.1393	.01075	.03178	.02169	.09619	.02269	2.1724
Stddev	.00001	.0097	.00008	.00007	.00036	.00899	.00021	.0044
%RSD	.17299	.45346	.71242	.20673	1.6678	9.3487	.92373	.20293
#1	.00567	2.1325	.01080	.03182	.02195	.10255	.02284	2.1693
#2	.00569	2.1462	.01069	.03173	.02143	.08983	.02254	2.1755
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04226	.01099	2.0397	.04466	.04563	2.0475	.20729	.10114
Stddev	.00029	.00031	.0067	.00024	.00104	.0087	.00116	.00186
%RSD	.69453	2.8513	.32890	.53503	2.2707	.42571	.56021	1.8378
#1	.04205	.01121	2.0349	.04449	.04490	2.0537	.20646	.09983
#2	.04247	.01077	2.0444	.04483	.04636	2.0414	.20811	.10246
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01182	.42512	.04184	.04632	.02088	F .0157	.02130	F 2.7381
Stddev	.00246	.00060	.00136	.00116	.00057	.0011	.00007	.0944
%RSD	20.816	.14206	3.2389	2.5037	2.7186	7.312	.31024	3.4474
#1	.01355	.42554	.04088	.04714	.02048	.0165	.02126	2.6714
#2	.01008	.42469	.04280	.04550	.02128	.0149	.02135	2.8049

Sample Name: LLICV01 Acquired: 12/7/2018 12:16:51 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .52461
Stddev .17679
%RSD 33.699

#1 .64962
#2 .39960

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4120.0	56231.	4250.4	99.763	4520.4
Stddev	1.2	186.	32.2	1.267	16.4
%RSD	.02853	.33011	.75642	1.2699	.36210

#1	4119.1	56362.	4273.1	100.66	4508.8
#2	4120.8	56099.	4227.6	98.867	4532.0

Sample Name: ICB01 Acquired: 12/7/2018 12:21:02 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00068	.00062	.00050	.00131	-.00062	-.00186	.00394	.00001
Stddev	.00158	.00061	.00008	.00340	.00036	.00623	.00048	.00001
%RSD	232.41	99.590	15.379	259.79	58.633	335.84	12.243	96.526
#1	-.00180	.00105	.00055	.00371	-.00088	.00255	.00428	.00000
#2	.00044	.00018	.00044	-.00110	-.00036	-.00626	.00360	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00706	.00018	-.00008	.00005	-.00154	-.00009	-.07019
Stddev	.00003	.00735	.00013	.00006	.00006	.00232	.00001	.00938
%RSD	1236.0	104.13	73.056	80.418	122.97	150.86	8.7405	13.361
#1	-.00002	-.01226	.00028	-.00012	.00010	.00010	-.00009	-.06356
#2	.00002	-.00186	.00009	-.00003	.00001	-.00318	-.00010	-.07682
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	.00001	-.08469	.00010	-.00014	-.07072	.00016	.00766
Stddev	.00064	.00013	.00271	.00065	.00002	.00350	.00003	.01381
%RSD	495.28	922.46	3.2058	646.43	16.876	4.9446	19.183	180.19
#1	.00058	-.00008	-.08661	.00056	-.00016	-.06824	.00018	.01743
#2	-.00032	.00010	-.08277	-.00036	-.00013	-.07319	.00014	-.00210
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00599	.00250	-.00042	.00209	-.00123	-.0018	-.00009	F 2.6959
Stddev	.00279	.00440	.00034	.00087	.00014	.0002	.00006	.1226
%RSD	46.482	176.45	80.809	41.912	11.726	9.855	70.452	4.5472
#1	-.00796	.00561	-.00067	.00147	-.00113	-.0017	-.00005	2.7826
#2	-.00402	-.00062	-.00018	.00270	-.00134	-.0020	-.00014	2.6092

Sample Name: ICB01 Acquired: 12/7/2018 12:21:02 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .51776
Stddev	.09434
%RSD	18.221

#1	.45105
#2	.58447

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4171.1	56520.	4251.6	100.78	4626.4
Stddev	21.7	268.	33.5	.11	23.2
%RSD	.51999	.47334	.78796	.11109	.50111

#1	4155.8	56331.	4227.9	100.70	4610.0
#2	4186.4	56710.	4275.3	100.86	4642.8

Sample Name: CRI01 Acquired: 12/7/2018 12:25:06 Type: Unk
Method: P4-ICP2(v2639) 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	.01740	.03856	.01092	.01752	.04837	.09175	.09774	.00544
Stddev	.00057	.00178	.00006	.00187	.00230	.00232	.00003	.00006
%RSD	3.2894	4.6243	.51929	10.697	4.7630	2.5266	.02972	1.0768
#1	.01700	.03982	.01088	.01884	.05000	.09011	.09772	.00548
#2	.01780	.03730	.01096	.01619	.04674	.09339	.09776	.00540
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00504	1.9359	.00937	.02824	.01916	.09219	.02023	1.9343
Stddev	.00004	.0153	.00041	.00019	.00035	.00919	.00012	.0095
%RSD	.87107	.79226	4.3572	.67270	1.8261	9.9680	.60428	.48847
#1	.00508	1.9467	.00908	.02837	.01940	.09869	.02032	1.9410
#2	.00501	1.9250	.00965	.02810	.01891	.08569	.02015	1.9276
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03664	.00958	1.8085	.03903	.04101	1.7179	.18123	.09647
Stddev	.00037	.00017	.0195	.00065	.00099	.0247	.00220	.00435
%RSD	1.0166	1.8087	1.0763	1.6626	2.4251	1.4403	1.2147	4.5045
#1	.03690	.00971	1.7947	.03949	.04172	1.7004	.18279	.09340
#2	.03638	.00946	1.8222	.03858	.04031	1.7353	.17967	.09955
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01084	.38046	.03652	.04345	.01919	.0160	.01904	F 2.6800
Stddev	.00234	.00938	.00112	.00084	.00133	.0008	.00010	.1423
%RSD	21.609	2.4655	3.0781	1.9418	6.9490	4.794	.51334	5.3090
#1	.00918	.38709	.03731	.04285	.02014	.0166	.01897	2.5794
#2	.01250	.37382	.03572	.04404	.01825	.0155	.01911	2.7806

Sample Name: CRI01 Acquired: 12/7/2018 12:25:06 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.0407
Stddev .0185
%RSD 1.7758

#1 1.0277
#2 1.0538

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4135.6	56209.	4240.9	100.90	4542.0
Stddev	11.2	274.	37.4	1.81	22.4
%RSD	.26984	.48674	.88097	1.7928	.49216

#1	4127.7	56402.	4214.5	99.625	4526.2
#2	4143.5	56015.	4267.3	102.18	4557.9

Sample Name: ICSA01 Acquired: 12/7/2018 12:29:10 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00412	-.00887	.00056	.01250	.00270	285.72	.00847
Stddev	.00058	.00158	.00108	.00263	.00240	.29	.00076
%RSD	14.012	17.796	191.30	21.012	89.010	.10202	8.9569

#1	-.00453	-.00998	-.00020	.01435	.00440	285.52	.00793
#2	-.00371	-.00775	.00132	.01064	.00100	285.93	.00900

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	-.00117	260.51	.05964	-.00079	-.00972	102.84
Stddev	.00012	.00007	.45	.00052	.00011	.00013	.88
%RSD	38.976	5.9184	.17250	.87424	14.156	1.3056	.85601

#1	.00039	-.00112	260.19	.06000	-.00086	-.00981	102.22
#2	.00022	-.00122	260.82	.05927	-.00071	-.00963	103.46

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01598	266.05	-.00865	-.00433	-.01307	.00139	-.00059
Stddev	.00010	.56	.00002	.00058	.00918	.00012	.00004
%RSD	.62251	.20959	.21542	13.316	70.229	8.6987	5.9416

#1	.01605	266.45	-.00864	-.00474	-.00658	.00147	-.00062
#2	.01591	265.66	-.00866	-.00392	-.01957	.00130	-.00057

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03554	-.00045	.05752	-.00572	-.00544	.00213	-.00037
Stddev	.01320	.00056	.00300	.00160	.00441	.00129	.00033
%RSD	37.130	123.75	5.2083	27.926	81.012	60.452	89.559

#1	-.04488	-.00085	.05964	-.00684	-.00856	.00304	-.00014
#2	-.02621	-.00006	.05540	-.00459	-.00232	.00122	-.00060

Sample Name: ICSA01 Acquired: 12/7/2018 12:29:10 Type: Unk
 Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00807	-.0033	-.00233	F 3.9722	F<.00000
Stddev	.00017	.0004	.00081	.0428	.18513
%RSD	2.1545	12.68	34.919	1.0781	38.531

#1	.00795	-.0036	-.00175	3.9420	-.34956
#2	.00820	-.0030	-.00290	4.0025	-.61137

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3682.8	49216.	4119.0	90.808	3550.7
Stddev	9.7	88.	12.1	.785	3.4
%RSD	.26445	.17915	.29347	.86480	.09527

#1	3675.9	49154.	4110.4	91.363	3548.3
#2	3689.7	49279.	4127.5	90.253	3553.1

Sample Name: ICSAB01 Acquired: 12/7/2018 12:33:17 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10086	.09429	.04465	.06497	.62611	278.86	.53537
Stddev	.00174	.00008	.00086	.00591	.00074	2.35	.00415
%RSD	1.7300	.08678	1.9326	9.0946	.11770	.84429	.77463

#1	.10209	.09424	.04404	.06915	.62663	277.19	.53830
#2	.09963	.09435	.04526	.06079	.62559	280.52	.53244

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55436	1.0101	256.17	.59395	.50662	.50484	101.25
Stddev	.00004	.0024	.28	.00066	.00094	.00081	1.11
%RSD	.00735	.23953	.10866	.11097	.18475	.16029	1.0938

#1	.55438	1.0118	256.37	.59442	.50728	.50541	102.03
#2	.55433	1.0084	255.97	.59349	.50596	.50427	100.47

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54470	261.23	.99589	.22217	-.02295	.52080	1.0505
Stddev	.00081	.34	.00168	.00096	.01135	.00092	.0253
%RSD	.14915	.12865	.16822	.43135	49.433	.17689	2.4051

#1	.54528	261.46	.99708	.22149	-.03098	.52015	1.0684
#2	.54413	260.99	.99471	.22285	-.01493	.52145	1.0327

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02382	-.00080	.05402	-.00649	-.00556	.00182	.00086
Stddev	.02768	.00009	.00037	.00085	.00125	.00055	.00189
%RSD	116.23	11.710	.67634	13.031	22.574	30.474	219.69

#1	-.04339	-.00087	.05376	-.00709	-.00467	.00143	-.00048
#2	-.00424	-.00074	.05428	-.00590	-.00644	.00221	.00220

Sample Name: ICSAB01 Acquired: 12/7/2018 12:33:17 Type: Unk
 Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00640	F -.0013	F -.00246	F 4.0487	F .47957
Stddev	.00127	.0055	.00143	.0652	.16487
%RSD	19.899	413.7	58.337	1.6094	34.379

#1	.00730	-.0052	-.00347	4.0027	.59615
#2	.00550	.0026	-.00144	4.0948	.36299

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3683.8	49369.	4101.3	90.494	3561.4
Stddev	3.1	22.	49.9	2.159	5.0
%RSD	.08310	.04502	1.2179	2.3858	.14135

#1	3681.7	49354.	4066.0	88.967	3557.9
#2	3686.0	49385.	4136.6	92.020	3565.0

Sample Name: CCV01 Acquired: 12/7/2018 12:44:56 Type: Unk
Method: P4-ICP2(v2639) 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	5.0609	4.9865	5.0697	5.0096	5.0487	10.219	10.059	.25166
Stddev	.0116	.0039	.0070	.0221	.0103	.042	.004	.00056
%RSD	.22963	.07898	.13876	.44031	.20394	.40903	.04055	.22198
#1	5.0691	4.9893	5.0747	5.0252	5.0560	10.189	10.062	.25205
#2	5.0527	4.9838	5.0647	4.9940	5.0414	10.248	10.056	.25126
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4793	26.149	1.0405	2.4742	1.2724	5.0032	2.5600	25.208
Stddev	.0040	.089	.0009	.0025	.0066	.1502	.0027	.085
%RSD	.16115	.34195	.08923	.10101	.52058	3.0018	.10741	.33551
#1	2.4821	26.212	1.0412	2.4759	1.2770	5.1094	2.5581	25.268
#2	2.4765	26.086	1.0398	2.4724	1.2677	4.8970	2.5619	25.148
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4761	1.2981	24.857	2.5036	2.5576	25.282	5.0723	5.0523
Stddev	.0010	.0028	.026	.0028	.0622	.022	.0089	.0122
%RSD	.04138	.21410	.10530	.11146	2.4330	.08876	.17463	.24175
#1	2.4769	1.2961	24.876	2.5016	2.6016	25.298	5.0785	5.0436
#2	2.4754	1.3000	24.839	2.5055	2.5136	25.266	5.0660	5.0609
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8758	5.1570	4.9920	5.0391	5.0571	4.922	5.2018	F 3.8989
Stddev	.0053	.0099	.0012	.0195	.0025	.011	.0032	.0401
%RSD	.10880	.19128	.02330	.38653	.04947	.2258	.06254	1.0278
#1	4.8796	5.1640	4.9928	5.0253	5.0553	4.930	5.2041	3.9273
#2	4.8721	5.1500	4.9911	5.0528	5.0588	4.915	5.1995	3.8706

Sample Name: CCV01 Acquired: 12/7/2018 12:44:56 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.2812
Stddev .7127
%RSD 31.242

#1 2.7851
#2 1.7772

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3924.6	52781.	4153.2	94.889	3951.7
Stddev	15.7	141.	1.8	2.456	14.6
%RSD	.40081	.26717	.04264	2.5879	.36852

#1	3913.5	52881.	4151.9	93.153	3941.4
#2	3935.7	52682.	4154.4	96.626	3962.0

Sample Name: LLCCV01 Acquired: 12/7/2018 12:48:42 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02031	.04393	.01404	.02107	.05446	.11245	.11037	.00623
Stddev	.00236	.00001	.00078	.00189	.00178	.01987	.00027	.00004
%RSD	11.603	.01788	5.5197	8.9810	3.2714	17.672	.24073	.66486
#1	.01864	.04394	.01459	.01973	.05320	.09840	.11018	.00620
#2	.02197	.04393	.01349	.02241	.05572	.12650	.11056	.00626
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00565	2.1943	.01057	.03192	.02158	.10037	.02250	2.1573
Stddev	.00003	.0018	.00017	.00050	.00022	.00838	.00009	.0580
%RSD	.54226	.08080	1.6525	1.5598	1.0072	8.3456	.37956	2.6867
#1	.00563	2.1955	.01070	.03228	.02143	.10629	.02244	2.1983
#2	.00567	2.1930	.01045	.03157	.02174	.09444	.02256	2.1163
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04140	.01099	2.0172	.04398	.04427	2.0411	.20636	.11767
Stddev	.00000	.00033	.0002	.00030	.00003	.0275	.00015	.00113
%RSD	.01089	2.9828	.00940	.68710	.05798	1.3465	.07497	.95868
#1	.04140	.01076	2.0171	.04376	.04425	2.0216	.20647	.11687
#2	.04140	.01122	2.0173	.04419	.04428	2.0605	.20625	.11846
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00854	.42395	.04215	F .04804	.02238	.0171	.02138	F 3.0847
Stddev	.00134	.00564	.00061	.00089	.00037	.0002	.00005	.1173
%RSD	15.707	1.3303	1.4575	1.8554	1.6480	.9647	.21528	3.8018
#1	.00759	.41996	.04259	.04741	.02265	.0170	.02135	3.1676
#2	.00949	.42794	.04172	.04867	.02212	.0173	.02142	3.0017

Sample Name: LLCCV01 Acquired: 12/7/2018 12:48:42 Type: Unk
 Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F .89916
 Stddev .29939
 %RSD 33.297

#1 1.1109
 #2 .68746

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4116.2	55895.	4228.3	101.84	4526.6
Stddev	4.6	97.	4.1	.27	.1
%RSD	.11199	.17284	.09798	.26038	.00120

#1	4119.5	55827.	4231.2	102.03	4526.6
#2	4112.9	55964.	4225.3	101.65	4526.7

Sample Name: CCB01 Acquired: 12/7/2018 12:52:46 Type: Unk
Method: P4-ICP2(v2639) 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	.00037	.00035	.00151	.00414	.00091	.01461	.00483	-.00002
Stddev	.00146	.00070	.00043	.00190	.00147	.01398	.00079	.00001
%RSD	399.21	198.12	28.137	45.752	161.67	95.686	16.375	63.024

#1	-.00067	.00085	.00121	.00280	.00194	.00473	.00539	-.00003
#2	.00140	-.00014	.00181	.00548	-.00013	.02450	.00427	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00060	-.00034	.00018	-.00043	.00592	-.00010	.00180
Stddev	.00001	.02464	.00022	.00014	.00007	.00694	.00009	.01284
%RSD	22.887	4104.3	65.593	79.138	15.758	117.22	89.492	712.34

#1	.00005	-.01682	-.00050	.00028	-.00048	.00101	-.00016	-.00728
#2	.00007	.01802	-.00018	.00008	-.00038	.01083	-.00004	.01088

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.00014	-.09197	.00051	-.00009	-.11326	.00019	.00834
Stddev	.00013	.00076	.01909	.00035	.00014	.02637	.00001	.00270
%RSD	114.76	547.18	20.755	68.370	153.03	23.279	7.4646	32.353

#1	-.00020	-.00068	-.07847	.00027	-.00018	-.13190	.00020	.00643
#2	-.00002	.00040	-.10547	.00076	.00001	-.09462	.00018	.01025

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00746	.00144	-.00037	.00197	-.00022	-.0018	-.00013	F 3.1935
Stddev	.00422	.00081	.00057	.00065	.00228	.0001	.00015	.0248
%RSD	56.537	55.930	152.36	33.214	1026.7	6.096	113.12	.77544

#1	-.01044	.00201	-.00077	.00150	-.00184	-.0018	-.00003	3.2110
#2	-.00448	.00087	.00003	.00243	.00139	-.0019	-.00024	3.1760

Sample Name: CCB01 Acquired: 12/7/2018 12:52:46 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .51154
Stddev	.65604
%RSD	128.25

#1	.04765
#2	.97543

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4086.8	55564.	4191.5	98.346	4559.5
Stddev	7.9	39.	39.6	1.656	2.1
%RSD	.19316	.07084	.94457	1.6837	.04616

#1	4092.4	55592.	4163.5	99.517	4561.0
#2	4081.3	55536.	4219.5	97.175	4558.0

Sample Name: LR CHECK1 Acquired: 12/7/2018 12:56:01 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04716	-.06053	-.02972	.08532	.04676	1887.0	.01532	.00385
Stddev	.00044	.00159	.00664	.00422	.00089	8.8	.00070	.00011
%RSD	.93968	2.6285	22.342	4.9451	1.9058	.46432	4.5562	2.9333

#1	-.04748	-.06165	-.03442	.08830	.04613	1893.2	.01581	.00377
#2	-.04685	-.05940	-.02503	.08234	.04739	1880.8	.01483	.00393

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01146	1780.1	.12560	.04149	-.07701	857.52	.03826	1758.6
Stddev	.00046	10.3	.00045	.00002	.00123	1.28	.00035	3.8
%RSD	4.0374	.58035	.35907	.05757	1.5984	.14984	.92636	.21573

#1	.01113	1772.8	.12528	.04151	-.07614	858.43	.03801	1755.9
#2	.01178	1787.4	.12592	.04147	-.07788	856.61	.03851	1761.3

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10664	-.04030	F 1803.7	.00648	.10247	931.81	.02992	.46770
Stddev	.00051	.00258	26.9	.00116	.00001	.06	.00120	.01155
%RSD	.47534	6.3938	1.4901	17.840	.00969	.00689	3.9998	2.4691

#1	.10628	-.03848	1822.7	.00566	.10248	931.86	.03077	.45954
#2	.10699	-.04213	1784.7	.00730	.10247	931.77	.02907	.47587

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41045	.08478	.03533	-.02908	.07858	.0510	-.92275	4.4779
Stddev	.00313	.00346	.00324	.00207	.00232	.0029	.00132	.0650
%RSD	.76320	4.0772	9.1703	7.1093	2.9569	5.729	.14326	1.4517

#1	.41267	.08234	.03762	-.03054	.07694	.0489	-.92369	4.5239
#2	.40824	.08722	.03304	-.02762	.08022	.0531	-.92182	4.4319

Sample Name: LR CHECK1 Acquired: 12/7/2018 12:56:01 Type: Unk
 Method: P4-ICP2(v2639) 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	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2833.2	37413.	3653.7	71.016	2286.6
Stddev	3.5	205.	1.9	.088	2.1
%RSD	.12442	.54683	.05177	.12385	.09089
#1	2830.8	37268.	3655.0	70.954	2285.1
#2	2835.7	37557.	3652.4	71.078	2288.0

Sample Name: LR CHECK2 Acquired: 12/7/2018 13:11:06 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	-.01544	240.47	.02239	-.00659	-.22936	F 101.84	-.00087
Stddev	.00361	.00040	1.63	.00069	.00148	.00748	.16	.00002
%RSD	1066.2	2.6151	.67862	3.0926	22.458	3.2608	.15628	1.7865
#1	.00289	-.01515	239.32	.02288	-.00555	-.22407	101.95	-.00088
#2	-.00221	-.01572	241.63	.02190	-.00764	-.23465	101.73	-.00086
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00804	.21524	-.12804	-.01069	F 263.27	-.81457	43.924	-.08365
Stddev	.00007	.02109	.00081	.00014	.40	.01487	.042	.06307
%RSD	.88497	9.7968	.63455	1.2689	.15212	1.8257	.09534	75.400
#1	-.00809	.20033	-.12747	-.01078	262.99	-.80406	43.954	-.12825
#2	-.00799	.23015	-.12862	-.01059	263.56	-.82509	43.895	-.03905
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.739	.00850	.38722	-.00358	F 37.133	.36904	-.00391	.01285
Stddev	.198	.00014	.00397	.00033	.087	.00240	.00035	.00199
%RSD	.39904	1.6728	1.0240	9.3316	.23431	.65073	9.0543	15.513
#1	49.598	.00840	.39002	-.00334	37.194	.37074	-.00416	.01426
#2	49.879	.00860	.38441	-.00381	37.071	.36734	-.00366	.01144
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09555	-.00283	-.00284	.00584	-.00604	-.2374	.00268	3.7783
Stddev	.00014	.00091	.00075	.00011	.00092	.0015	.00001	.0665
%RSD	.15094	31.959	26.320	1.8603	15.188	.6281	.43179	1.7596
#1	.09544	-.00219	-.00337	.00591	-.00539	-.2384	.00269	3.8253
#2	.09565	-.00348	-.00231	.00576	-.00669	-.2363	.00267	3.7312

Sample Name: LR CHECK2 Acquired: 12/7/2018 13:11:06 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .96007
Stddev .13595
%RSD 14.160

#1 .86394
#2 1.0562

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3811.6	53910.	4202.0	95.275	4076.0
Stddev	5.6	121.	2.9	.047	15.7
%RSD	.14773	.22360	.06938	.04948	.38608

#1	3815.6	53996.	4204.1	95.242	4087.1
#2	3807.7	53825.	4200.0	95.308	4064.8

Sample Name: J6214-27DLX5 Acquired: 12/7/2018 13:15:37 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-2-(0-2) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01326	-.00383	4.2621	.02540	.00690	42.388	1.7590
Stddev	.00357	.00040	.0133	.00080	.00154	.330	.0001
%RSD	26.963	10.539	.31081	3.1607	22.284	.77890	.00830

#1	.01579	-.00411	4.2715	.02597	.00581	42.154	1.7589
#2	.01073	-.00354	4.2528	.02483	.00798	42.621	1.7591

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00180	.01722	101.80	.18467	.04361	.57792	125.78
Stddev	.00003	.00020	.31	.00079	.00050	.00166	1.40
%RSD	1.9292	1.1695	.30438	.42561	1.1495	.28677	1.1142

#1	.00183	.01708	102.02	.18522	.04396	.57910	126.78
#2	.00178	.01737	101.58	.18411	.04326	.57675	124.79

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5848	47.298	.38829	-.00011	.74464	.25286	7.9574
Stddev	.0035	.172	.00116	.00096	.01559	.00004	.1567
%RSD	.22058	.36419	.29771	870.07	2.0942	.01636	1.9690

#1	1.5823	47.176	.38910	.00057	.73361	.25283	8.0682
#2	1.5873	47.419	.38747	-.00079	.75566	.25289	7.8466

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.655	.00877	.07414	1.9946	1.5095	.18543	2.6894
Stddev	.067	.00037	.01906	.0028	.0109	.00075	.0150
%RSD	.57223	4.2363	25.709	.14212	.72265	.40497	.55572

#1	11.702	.00904	.08762	1.9966	1.5172	.18596	2.6789
#2	11.607	.00851	.06066	1.9926	1.5018	.18490	2.7000

Sample Name: J6214-27DLX5 Acquired: 12/7/2018 13:15:37 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-2-(0-2) Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05642	3.948	.12421	3.7114	F<.00000
Stddev	.00158	.015	.00054	.1062	.24950
%RSD	2.7975	.3876	.43764	2.8618	2.4307

#1	.05754	3.959	.12382	3.6363	-10.441
#2	.05530	3.938	.12459	3.7865	-10.088

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3919.8	52684.	4188.2	91.597	3873.0
Stddev	1.4	78.	32.7	1.785	4.0
%RSD	.03527	.14897	.78151	1.9488	.10346

#1	3918.8	52739.	4165.1	90.335	3870.2
#2	3920.8	52628.	4211.4	92.859	3875.8

Sample Name: J6214-11DLX5 Acquired: 12/7/2018 13:19:31 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-4-(3-5) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01038	-.00972	.08312	.03781	.00265	121.62	.96479
Stddev	.00081	.00267	.00318	.00124	.00330	1.90	.01069
%RSD	7.7815	27.423	3.8307	3.2794	124.42	1.5657	1.1080

#1	.01095	-.00784	.08537	.03693	.00499	120.28	.97235
#2	.00981	-.01161	.08087	.03869	.00032	122.97	.95723

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00231	-.00219	107.31	.51516	.09794	.14007	215.04
Stddev	.00011	.00037	.76	.00374	.00086	.00081	2.56
%RSD	4.8357	16.745	.71069	.72573	.87351	.58007	1.1920

#1	.00239	-.00245	107.85	.51252	.09733	.13949	216.85
#2	.00223	-.00193	106.77	.51780	.09854	.14064	213.23

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1331	125.53	.17237	-.00092	3.8829	.46264	.74038
Stddev	.0430	1.12	.00110	.00062	.0278	.00471	.01063
%RSD	1.3709	.89503	.63725	67.557	.71542	1.0175	1.4362

#1	3.1027	126.33	.17315	-.00048	3.9025	.45931	.74790
#2	3.1635	124.74	.17159	-.00136	3.8632	.46597	.73286

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	55.842	.00573	.12173	2.3122	.43472	.00461	9.3772
Stddev	.559	.00008	.00612	.0002	.01050	.00002	.1112
%RSD	1.0018	1.3170	5.0239	.00976	2.4150	.38278	1.1854

#1	56.237	.00578	.12605	2.3123	.44214	.00459	9.4558
#2	55.446	.00567	.11740	2.3120	.42729	.00462	9.2986

Sample Name: J6214-11DLX5 Acquired: 12/7/2018 13:19:31 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-4-(3-5) Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08857	4.549	-.09904	3.3095	F<.00000
Stddev	.00039	.002	.00246	.1275	.53211
%RSD	.43807	.0322	2.4848	3.8515	1.2761

#1	.08829	4.548	-.10078	3.2194	-41.322
#2	.08884	4.550	-.09730	3.3997	-42.074

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3885.2	52781.	4245.2	90.940	3598.7
Stddev	16.0	671.	47.4	1.493	11.7
%RSD	.41279	1.2716	1.1171	1.6418	.32550

#1	3873.9	53256.	4211.7	89.885	3590.4
#2	3896.6	52307.	4278.7	91.996	3607.0

Sample Name: J6224-01DLX5 Acquired: 12/7/2018 13:23:26 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05598	.00011	.06682	.02729	.00257	27.328	.05608
Stddev	.00031	.00026	.00279	.00022	.00019	.193	.00134
%RSD	.55093	229.22	4.1756	.82178	7.4430	.70522	2.3829

#1	.05620	-.00007	.06879	.02745	.00243	27.191	.05703
#2	.05577	.00030	.06484	.02713	.00270	27.464	.05514

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00381	-.00326	3.9382	.50529	.00705	.00415	147.21
Stddev	.00015	.00012	.0015	.00591	.00003	.00047	2.19
%RSD	3.9799	3.5237	.03793	1.1700	.45821	11.413	1.4896

#1	.00392	-.00318	3.9392	.50111	.00707	.00382	145.66
#2	.00370	-.00335	3.9371	.50947	.00702	.00449	148.77

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16370	2.9450	.00828	-.00440	.39046	.26357	.17465
Stddev	.00052	.0572	.00015	.00062	.00041	.00130	.00219
%RSD	.31875	1.9422	1.8486	13.990	.10529	.49505	1.2551

#1	.16333	2.9855	.00817	-.00483	.39017	.26264	.17310
#2	.16407	2.9046	.00838	-.00396	.39075	.26449	.17620

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8033	.00084	.09946	.70959	.42649	.00080	.21147
Stddev	.0004	.00026	.00456	.00128	.00060	.00036	.00192
%RSD	.00826	31.379	4.5861	.18065	.13969	44.411	.90795

#1	4.8030	.00065	.09623	.71049	.42607	.00055	.21283
#2	4.8036	.00102	.10269	.70868	.42692	.00105	.21011

Sample Name: J6224-01DLX5 Acquired: 12/7/2018 13:23:26 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S-1 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00785	2.661	-.14431	3.0079	F<.00000
Stddev	.00106	.013	.00240	.0324	.42976
%RSD	13.538	.4993	1.6597	1.0776	2.0608

#1	.00710	2.651	-.14262	2.9850	-20.550
#2	.00861	2.670	-.14601	3.0308	-21.158

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4037.1	54685.	4207.5	95.072	4145.1
Stddev	2.6	73.	37.0	1.014	6.4
%RSD	.06444	.13374	.87820	1.0663	.15362

#1	4035.3	54737.	4181.4	95.789	4140.6
#2	4039.0	54633.	4233.7	94.356	4149.6

Sample Name: J6233-01DLX5 Acquired: 12/7/2018 13:27:24 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11878	-.01026	.05779	.04539	.00185	152.77	1.0437
Stddev	.00142	.00041	.00119	.00293	.00188	.24	.0040
%RSD	1.1955	4.0136	2.0509	6.4467	101.32	.15448	.38403

#1	.11979	-.01055	.05863	.04746	.00318	152.61	1.0465
#2	.11778	-.00997	.05695	.04332	.00053	152.94	1.0409

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01051	-.00420	3.2942	.32587	.08238	.15047	274.79
Stddev	.00010	.00041	.0110	.00264	.00002	.00214	3.76
%RSD	.93965	9.7740	.33490	.81041	.01987	1.4226	1.3698

#1	.01058	-.00391	3.3020	.32774	.08239	.15198	272.13
#2	.01044	-.00449	3.2864	.32401	.08237	.14895	277.46

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.0308	98.804	.15305	.00088	.52032	.43923	.46673
Stddev	.0128	.007	.00058	.00176	.00462	.00131	.00386
%RSD	.14191	.00743	.37712	199.75	.88756	.29860	.82784

#1	9.0218	98.810	.15264	-.00036	.52358	.44015	.46400
#2	9.0399	98.799	.15345	.00212	.51705	.43830	.46946

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	81.045	.02058	.16908	.29366	.70943	.01312	7.6450
Stddev	.451	.00001	.00376	.00450	.00614	.00097	.0112
%RSD	.55646	.05549	2.2231	1.5312	.86609	7.3798	.14657

#1	81.364	.02059	.16642	.29684	.71377	.01244	7.6530
#2	80.726	.02057	.17174	.29048	.70508	.01381	7.6371

Sample Name: J6233-01DLX5 Acquired: 12/7/2018 13:27:24 Type: Unk
 Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.34513	5.034	-.24032	2.3155	F<.00000
Stddev	.00235	.017	.00452	.0615	.23586
%RSD	.68179	.3433	1.8810	2.6568	.31687

#1	.34347	5.046	-.23712	2.3590	-74.599
#2	.34680	5.022	-.24352	2.2720	-74.266

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4163.0	55477.	4441.6	89.888	3668.1
Stddev	18.4	137.	49.7	.671	15.4
%RSD	.44174	.24682	1.1201	.74672	.41970

#1	4150.0	55380.	4406.5	90.362	3657.2
#2	4176.0	55574.	4476.8	89.413	3679.0

Sample Name: J6214-33DLX10 Acquired: 12/7/2018 13:31:28 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TW-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00168	-.00268	.02120	.00279	-.00095	7.3971	.14598	.00027
Stddev	.00106	.00047	.00079	.00083	.00060	.0336	.00016	.00004
%RSD	62.967	17.634	3.7156	29.898	63.620	.45371	.10992	15.241

#1	.00242	-.00235	.02175	.00220	-.00052	7.4208	.14609	.00024
#2	.00093	-.00301	.02064	.00338	-.00137	7.3734	.14587	.00030

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	88.741	.01667	.00605	.01909	10.053	.54439	24.390
Stddev	.00014	.257	.00060	.00009	.00021	.075	.00073	.006
%RSD	45.050	.28912	3.6087	1.4208	1.0784	.75054	.13492	.02466

#1	-.00041	88.560	.01710	.00611	.01924	10.107	.54491	24.395
#2	-.00021	88.923	.01625	.00599	.01895	9.9998	.54387	24.386

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01424	.00002	217.18	.01914	.02847	6.5970	.00210	.03199
Stddev	.00032	.00013	.12	.00087	.00069	.0077	.00032	.00567
%RSD	2.2409	535.16	.05584	4.5251	2.4146	.11658	15.125	17.712

#1	.01447	.00012	217.26	.01975	.02895	6.6024	.00232	.03599
#2	.01401	-.00007	217.09	.01853	.02798	6.5915	.00188	.02798

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.7598	6.6837	-.00355	.39616	.01076	.2673	.29840	4.4268
Stddev	.0094	.0098	.00037	.00131	.00144	.0002	.00128	.0608
%RSD	.12073	.14727	10.297	.33067	13.377	.0677	.42851	1.3739

#1	7.7665	6.6907	-.00381	.39524	.00974	.2674	.29750	4.4698
#2	7.7532	6.6767	-.00329	.39709	.01177	.2671	.29931	4.3838

Sample Name: J6214-33DLX10 Acquired: 12/7/2018 13:31:28 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TW-4 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.8916
Stddev .3244
%RSD 8.3361

#1 4.1209
#2 3.6622

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3723.5	49836.	4041.1	94.355	3746.3
Stddev	8.1	369.	24.9	2.099	8.1
%RSD	.21854	.74104	.61506	2.2241	.21607

#1	3729.3	49575.	4023.5	92.871	3740.6
#2	3717.8	50097.	4058.7	95.839	3752.0

Sample Name: J6214-33DUPDLX10 Acquired: 12/7/2018 13:35:27 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TW-4DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00254	-.00294	.01703	.00473	-.00185	7.4381	.14497	.00021
Stddev	.00264	.00016	.00013	.00354	.00095	.0067	.00040	.00000
%RSD	104.13	5.5561	.75253	74.738	51.304	.08992	.27412	2.2220

#1	.00440	-.00305	.01694	.00724	-.00253	7.4333	.14469	.00022
#2	.00067	-.00282	.01713	.00223	-.00118	7.4428	.14526	.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	88.854	.01663	.00616	.01958	10.424	.54820	24.259
Stddev	.00009	.106	.00004	.00009	.00028	.042	.00075	.173
%RSD	30.887	.11966	.21641	1.4538	1.4100	.40146	.13694	.71268

#1	-.00037	88.930	.01661	.00609	.01939	10.453	.54767	24.381
#2	-.00024	88.779	.01666	.00622	.01978	10.394	.54873	24.137

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01395	-.00016	217.57	.01930	.02919	6.6150	.00217	.02651
Stddev	.00037	.00055	.47	.00066	.00017	.0131	.00016	.00131
%RSD	2.6559	348.45	.21795	3.4020	.58802	.19762	7.4664	4.9475

#1	.01368	-.00055	217.91	.01977	.02931	6.6058	.00206	.02558
#2	.01421	.00023	217.24	.01884	.02907	6.6243	.00229	.02744

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.8548	6.7538	-.00360	.39582	.00868	.2681	.29983	4.6252
Stddev	.0025	.0289	.00093	.00283	.00289	.0011	.00047	.1284
%RSD	.03132	.42760	25.745	.71543	33.272	.3939	.15742	2.7766

#1	7.8530	6.7334	-.00425	.39382	.01072	.2673	.30016	4.7160
#2	7.8565	6.7742	-.00294	.39782	.00664	.2688	.29949	4.5344

Sample Name: J6214-33DUPDLX10 Acquired: 12/7/2018 13:35:27 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TW-4DUP Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.0091
Stddev .1389
%RSD 3.4660

#1 3.9109
#2 4.1074

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3701.7	49541.	4038.5	91.274	3709.7
Stddev	9.7	279.	5.0	.389	5.0
%RSD	.26119	.56257	.12327	.42567	.13511

#1	3694.8	49344.	4035.0	90.999	3706.1
#2	3708.5	49738.	4042.0	91.549	3713.2

Sample Name: J6214-33LDLX50 Acquired: 12/7/2018 13:39:27 Type: Unk
Method: P4-ICP2(v2639) 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	-.00058	-.00090	.01018	.00221	-.00091	1.4309	.03286	.00002
Stddev	.00404	.00049	.00066	.00110	.00125	.0197	.00001	.00004
%RSD	700.55	54.225	6.5185	49.808	136.94	1.3730	.01738	195.00

#1	-.00343	-.00125	.01065	.00298	-.00180	1.4170	.03285	-.00001
#2	.00228	-.00056	.00971	.00143	-.00003	1.4448	.03286	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	18.514	.00352	.00122	.00351	2.0604	.11394	4.9945
Stddev	.00002	.055	.00002	.00002	.00044	.0469	.00045	.0456
%RSD	16.541	.29832	.70551	1.4791	12.572	2.2737	.39898	.91324

#1	-.00015	18.553	.00350	.00121	.00320	2.0935	.11362	4.9623
#2	-.00012	18.475	.00354	.00123	.00382	2.0273	.11426	5.0268

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00192	.00014	44.219	.00364	.00626	1.3190	.00029	.00761
Stddev	.00010	.00007	.192	.00074	.00016	.0037	.00013	.00257
%RSD	5.1810	52.140	.43517	20.272	2.5884	.27945	43.744	33.787

#1	.00185	.00020	44.355	.00312	.00637	1.3217	.00020	.00579
#2	.00199	.00009	44.083	.00416	.00614	1.3164	.00038	.00943

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4571	1.4117	-.00247	.08507	.00252	.0491	.06203	3.8157
Stddev	.0124	.0063	.00040	.00038	.00002	.0002	.00023	.0079
%RSD	.84818	.44596	16.341	.44564	.93368	.4009	.37758	.20610

#1	1.4484	1.4161	-.00219	.08480	.00250	.0490	.06220	3.8101
#2	1.4658	1.4072	-.00276	.08534	.00253	.0493	.06187	3.8212

Sample Name: J6214-33LDLX50 Acquired: 12/7/2018 13:39:27 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.4670
Stddev	.1880
%RSD	12.815

#1	1.5999
#2	1.3340

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3878.8	52623.	4090.0	95.770	4135.1
Stddev	2.4	85.	23.0	2.152	3.8
%RSD	.06309	.16146	.56323	2.2473	.09071

#1	3877.0	52683.	4073.7	94.248	4137.7
#2	3880.5	52563.	4106.3	97.292	4132.4

Sample Name: J6214-33MSDLX10 Acquired: 12/7/2018 13:43:28 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TW-4MS 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	.07658	.17432	.10493	.18990	.06709	7.3580	.15368	.01973	.01801
Stddev	.00280	.00178	.00143	.00227	.00052	.0136	.00090	.00006	.00005
%RSD	3.6621	1.0213	1.3591	1.1949	.77223	.18446	.58638	.32405	.27737

#1	.07857	.17558	.10593	.18830	.06745	7.3484	.15432	.01968	.01805
#2	.07460	.17306	.10392	.19151	.06672	7.3676	.15304	.01977	.01798

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	84.723	.05405	.02472	.04500	9.5756	.53909	23.200	.05977	.00673
Stddev	.167	.00006	.00006	.00003	.1541	.00026	.063	.00017	.00030
%RSD	.19671	.10213	.22301	.06025	1.6090	.04768	.27033	.28223	4.5234

#1	84.605	.05401	.02468	.04498	9.4666	.53891	23.244	.05989	.00695
#2	84.840	.05409	.02475	.04502	9.6845	.53927	23.156	.05965	.00652

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	207.00	.04457	.04473	7.0661	.03981	.04511	7.5545	6.5381	.06037
Stddev	.76	.00021	.00060	.0847	.00009	.00828	.0451	.0068	.00078
%RSD	.36659	.46615	1.3495	1.1984	.22818	18.363	.59728	.10404	1.2982

#1	207.54	.04471	.04430	7.0062	.03987	.05096	7.5864	6.5429	.06093
#2	206.46	.04442	.04516	7.1260	.03974	.03925	7.5226	6.5333	.05982

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35821	.02605	.8186	.30576	4.5649	3.4748
Stddev	.00167	.00147	.0047	.00056	.1279	.1797
%RSD	.46626	5.6570	.5783	.18421	2.8025	5.1708

#1	.35703	.02501	.8219	.30616	4.6553	3.3478
#2	.35939	.02709	.8152	.30536	4.4744	3.6019

Sample Name: J6214-33MSDLX10 Acquired: 12/7/2018 13:43:28 Type: Unk

Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: TW-4MS 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	3692.4	49847.	4076.3	93.649	3716.5
Stddev	18.7	176.	23.7	1.180	32.5
%RSD	.50747	.35276	.58051	1.2598	.87528
#1	3679.1	49723.	4059.5	94.483	3693.5
#2	3705.6	49971.	4093.0	92.815	3739.5

Sample Name: CCV02 Acquired: 12/7/2018 13:51:28 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3787	5.0520	5.2298	5.1877	5.3382	10.545	10.443	.26082
Stddev	.0003	.0015	.0008	.0105	.0016	.052	.039	.00059
%RSD	.00590	.03077	.01469	.20313	.03064	.49022	.37757	.22566
#1	5.3785	5.0531	5.2293	5.1952	5.3370	10.509	10.471	.26124
#2	5.3789	5.0509	5.2303	5.1802	5.3393	10.582	10.415	.26041
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5474	27.267	1.0637	2.5695	1.3089	5.0441	2.6286	25.919
Stddev	.0022	.010	.0041	.0055	.0034	.0999	.0017	.030
%RSD	.08452	.03745	.38387	.21577	.25890	1.9810	.06444	.11652
#1	2.5490	27.275	1.0666	2.5734	1.3113	5.1147	2.6298	25.940
#2	2.5459	27.260	1.0608	2.5656	1.3066	4.9734	2.6274	25.898
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5192	1.3626	25.146	2.4911	2.6709	26.393	5.3422	5.1457
Stddev	.0027	.0014	.004	.0007	.0818	.040	.0002	.0042
%RSD	.10867	.09996	.01650	.02703	3.0619	.15105	.00447	.08087
#1	2.5211	1.3616	25.149	2.4916	2.7287	26.421	5.3420	5.1428
#2	2.5172	1.3635	25.143	2.4906	2.6131	26.364	5.3423	5.1487
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1369	5.4455	5.1821	5.1677	5.2288	5.023	5.4806	4.6945
Stddev	.0212	.0205	.0018	.0100	.0055	.001	.0231	.0494
%RSD	.41196	.37572	.03540	.19319	.10475	.0270	.42132	1.0519
#1	5.1518	5.4600	5.1834	5.1606	5.2327	5.024	5.4969	4.6596
#2	5.1219	5.4311	5.1808	5.1747	5.2249	5.022	5.4642	4.7294

Sample Name: CCV02 Acquired: 12/7/2018 13:51:28 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8593
Stddev .4130
%RSD 14.445

#1 3.1514
#2 2.5673

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3747.2	50975.	3997.1	91.604	3817.5
Stddev	6.4	47.	33.2	2.905	11.2
%RSD	.17091	.09293	.83040	3.1716	.29297

#1	3742.7	51008.	3973.6	89.550	3809.5
#2	3751.8	50941.	4020.6	93.658	3825.4

Sample Name: CCB02 Acquired: 12/7/2018 14:03:23 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00281	.00009	F .00592	-.00018	-.00134	.00903	.00418	-.00007
Stddev	.00238	.00027	.00028	.00079	.00046	.01918	.00016	.00000
%RSD	84.774	310.06	4.7278	434.63	34.267	212.43	3.7413	5.3643

#1	-.00113	-.00010	.00572	.00038	-.00167	-.00453	.00429	-.00007
#2	-.00450	.00028	.00612	-.00074	-.00102	.02260	.00407	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.01105	-.00017	.00000	-.00016	.00057	-.00007	-.01074
Stddev	.00009	.00977	.00036	.00021	.00033	.00359	.00002	.01538
%RSD	225.87	88.390	210.12	56619.	207.84	635.15	35.639	143.17

#1	.00002	-.00415	.00008	-.00015	-.00039	-.00197	-.00009	.00013
#2	-.00010	-.01796	-.00042	.00015	.00007	.00311	-.00005	-.02161

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00001	-.09485	.00018	-.00014	-.06846	.00023	.00310
Stddev	.00008	.00046	.01070	.00046	.00003	.08572	.00034	.00780
%RSD	95.021	6238.4	11.279	252.41	23.347	125.22	149.49	251.50

#1	-.00003	.00033	-.10242	-.00014	-.00016	-.00784	.00047	.00862
#2	-.00014	-.00032	-.08729	.00051	-.00011	-.12907	-.00001	-.00241

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00538	.01147	-.00247	.00638	-.00298	-.0035	-.00007	F 4.1021
Stddev	.00041	.00180	.00050	.00174	.00267	.0012	.00003	.0012
%RSD	7.6258	15.662	20.447	27.269	89.685	35.50	42.979	.02885

#1	-.00509	.01274	-.00283	.00515	-.00487	-.0026	-.00009	4.1012
#2	-.00567	.01020	-.00211	.00761	-.00109	-.0043	-.00005	4.1029

Sample Name: CCB02 Acquired: 12/7/2018 14:03:23 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .24416
Stddev	.49332
%RSD	202.05

#1	-.10467
#2	.59299

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3852.6	53575.	4052.9	94.767	4372.3
Stddev	3.4	100.	21.4	.766	18.6
%RSD	.08924	.18714	.52730	.80834	.42511

#1	3850.2	53504.	4068.0	95.308	4359.2
#2	3855.0	53646.	4037.8	94.225	4385.5

Sample Name: J6214-33MSDDLX10 Acquired: 12/7/2018 14:09:03 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TW-4MSD 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	.08132	.17618	.10645	.19360	.06891	7.4323	.15851	.02018	.01837
Stddev	.00274	.00061	.00084	.00181	.00151	.0123	.00113	.00014	.00013
%RSD	3.3695	.34851	.78691	.93645	2.1911	.16530	.71561	.71638	.72279
#1	.08326	.17662	.10705	.19488	.06997	7.4410	.15931	.02028	.01827
#2	.07938	.17575	.10586	.19232	.06784	7.4236	.15771	.02008	.01846
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	88.283	.05495	.02490	.04559	9.5125	.55062	23.898	.06007	.00749
Stddev	.485	.00019	.00042	.00047	.0059	.00023	.045	.00029	.00080
%RSD	.54910	.34653	1.6670	1.0243	.06223	.04246	.19010	.47949	10.708
#1	88.626	.05509	.02519	.04526	9.5083	.55078	23.865	.06027	.00692
#2	87.941	.05482	.02461	.04592	9.5167	.55045	23.930	.05986	.00805
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	211.89	.04433	.04556	7.3417	.04140	.03549	7.7786	6.8745	.06238
Stddev	.37	.00081	.00044	.0092	.00000	.00041	.0006	.0119	.00059
%RSD	.17665	1.8216	.96962	.12493	.01067	1.1687	.00752	.17250	.93950
#1	211.62	.04375	.04525	7.3481	.04141	.03579	7.7790	6.8661	.06197
#2	212.15	.04490	.04587	7.3352	.04140	.03520	7.7782	6.8829	.06280
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.36771	.02692	.8330	.31983	5.0580	2.6846			
Stddev	.00158	.00266	.0007	.00002	.0125	.1783			
%RSD	.42867	9.8681	.0893	.00591	.24788	6.6422			
#1	.36659	.02880	.8324	.31982	5.0669	2.8107			
#2	.36882	.02504	.8335	.31985	5.0491	2.5585			

Sample Name: J6214-33MSDDLX10 Acquired: 12/7/2018 14:09:03 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TW-4MSD 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	3586.8	48818.	3935.6	92.108	3638.4
Stddev	8.3	204.	21.2	.106	.8
%RSD	.23220	.41859	.53926	.11560	.02261
#1	3580.9	48673.	3920.6	92.183	3637.8
#2	3592.7	48962.	3950.7	92.032	3638.9

Sample Name: J6214-33ADLX10 Acquired: 12/7/2018 14:13:02 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7760 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	.08152	.17415	.10441	.19398	.06979	7.4275	.15883	.02012	.01821
Stddev	.00152	.00175	.00034	.00018	.00080	.0466	.00142	.00016	.00010
%RSD	1.8667	1.0042	.33012	.09438	1.1528	.62775	.89435	.80523	.53619
#1	.08260	.17539	.10417	.19411	.07036	7.3945	.15983	.02024	.01828
#2	.08045	.17291	.10466	.19385	.06922	7.4605	.15782	.02001	.01814
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	87.972	.05466	.02484	.04543	9.4831	.54801	23.660	.05911	.00732
Stddev	.273	.00000	.00014	.00004	.1970	.00151	.209	.00003	.00055
%RSD	.31001	.00422	.57118	.09353	2.0777	.27570	.88509	.05563	7.5094
#1	87.779	.05466	.02494	.04546	9.6224	.54694	23.808	.05909	.00771
#2	88.165	.05466	.02474	.04540	9.3437	.54908	23.512	.05913	.00694
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	211.55	.04526	.04562	7.2990	.04060	.04961	7.7156	6.8737	.06117
Stddev	.56	.00060	.00084	.0089	.00014	.00877	.0429	.0034	.00057
%RSD	.26665	1.3235	1.8310	.12268	.35097	17.668	.55563	.04939	.93148
#1	211.95	.04568	.04621	7.3054	.04070	.04341	7.7459	6.8713	.06158
#2	211.16	.04483	.04503	7.2927	.04050	.05581	7.6853	6.8761	.06077
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.36903	.02885	.8237	.31896	4.9248	3.3231			
Stddev	.00121	.00123	.0016	.00115	.0814	.9158			
%RSD	.32863	4.2702	.1953	.35997	1.6526	27.559			
#1	.36989	.02972	.8225	.31815	4.8672	2.6756			
#2	.36817	.02798	.8248	.31977	4.9823	3.9707			

Sample Name: J6214-33ADLX10 Acquired: 12/7/2018 14:13:02 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7760 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	3579.0	48911.	3943.5	91.946	3660.6
Stddev	20.9	193.	1.1	1.739	14.3
%RSD	.58442	.39363	.02827	1.8910	.39064
#1	3564.2	49048.	3942.7	90.716	3650.5
#2	3593.8	48775.	3944.3	93.175	3670.7

Sample Name: PB115435BL Acquired: 12/7/2018 14:17:04 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00053	F .00354	-.00277	-.00078	-.00339	.00535	-.00002
Stddev	.00007	.00111	.00001	.00159	.00102	.00081	.00052	.00004
%RSD	253.17	210.02	.39960	57.425	130.79	23.731	9.7701	226.30
#1	.00008	.00026	.00355	-.00390	-.00151	-.00282	.00498	.00001
#2	-.00002	-.00132	.00353	-.00165	-.00006	-.00396	.00572	-.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.01484	.00006	.00000	-.00000	-.01140	-.00003	.04079
Stddev	.00001	.02439	.00028	.00004	.00058	.00446	.00000	.05897
%RSD	50.005	164.31	452.73	821.03	27940.	39.098	12.141	144.56
#1	.00002	-.03209	-.00014	.00003	-.00041	-.01455	-.00003	.08249
#2	.00004	.00240	.00026	-.00002	.00041	-.00825	-.00004	-.00090
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00033	.00026	-.02401	.00032	-.00030	.00410	.00010	.00165
Stddev	.00026	.00050	.00672	.00066	.00009	.02002	.00031	.00285
%RSD	79.122	190.51	27.975	203.78	30.768	488.09	299.99	172.18
#1	-.00051	.00061	-.02876	-.00014	-.00036	-.01005	-.00011	.00367
#2	-.00015	-.00009	-.01926	.00079	-.00023	.01826	.00032	-.00036
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00671	.01151	-.00195	.00364	.00049	-.0022	-.00011	F 3.8683
Stddev	.00124	.00026	.00025	.00053	.00049	.0001	.00008	.0671
%RSD	18.405	2.2846	12.826	14.546	99.124	6.049	71.354	1.7352
#1	-.00758	.01132	-.00177	.00327	.00084	-.0023	-.00005	3.9157
#2	-.00584	.01169	-.00213	.00402	.00015	-.0021	-.00016	3.8208

Sample Name: PB115435BL Acquired: 12/7/2018 14:17:04 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .47254
Stddev .32235
%RSD 68.216

#1 .24461
#2 .70047

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3824.2	53727.	4032.4	95.754	4344.9
Stddev	15.3	38.	6.7	.454	15.9
%RSD	.40063	.07037	.16683	.47385	.36682

#1	3813.3	53753.	4027.6	96.075	4333.6
#2	3835.0	53700.	4037.1	95.433	4356.1

Sample Name: PB115435BS Acquired: 12/7/2018 14:21:09 Type: Unk
Method: P4-ICP2(v2639) 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	.83584	1.9523	.99286	2.0049	.83624	2.0699	.21757
Stddev	.00445	.0024	.00133	.0032	.00376	.0254	.00118
%RSD	.53208	.12166	.13383	.16078	.44934	1.2290	.54326

#1	.83269	1.9506	.99380	2.0026	.83358	2.0879	.21673
#2	.83898	1.9540	.99192	2.0071	.83890	2.0519	.21840

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20169	.18743	F 1.1538	.42491	.19825	.33735	2.8683
Stddev	.00050	.00006	.0350	.00259	.00078	.00124	.0893
%RSD	.24994	.03298	3.0342	.61000	.39496	.36670	3.1140

#1	.20133	.18747	1.1785	.42675	.19770	.33647	2.8051
#2	.20205	.18738	1.1290	.42308	.19881	.33822	2.9315

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21399	2.1431	.48169	.07799	2.9912	.28988	.21604
Stddev	.00004	.1231	.00000	.00043	.0270	.00048	.00587
%RSD	.01750	5.7424	.00039	.55447	.90153	.16605	2.7161

#1	.21402	2.0561	.48170	.07768	2.9721	.29022	.21189
#2	.21397	2.2301	.48169	.07829	3.0102	.28954	.22019

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.757	.42633	.30635	F -.00967	1.0105	.66996	.20722
Stddev	.004	.00083	.00323	.00091	.0015	.00248	.00077
%RSD	.03752	.19453	1.0531	9.3596	.15269	.36987	.37059

#1	10.760	.42575	.30407	-.00903	1.0095	.66821	.20667
#2	10.755	.42692	.30864	-.01031	1.0116	.67171	.20776

Sample Name: PB115435BS Acquired: 12/7/2018 14:21:09 Type: Unk
Method: P4-ICP2(v2639) 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	.20357	F 5.214	.22117	F 3.8303	F<.00000
Stddev	.00236	.017	.00022	.0252	.02636
%RSD	1.1581	.3219	.09880	.65828	1.3906

#1	.20524	5.202	.22132	3.8481	-1.8769
#2	.20190	5.226	.22101	3.8124	-1.9141

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3933.1	55196.	4182.3	102.25	4423.4
Stddev	8.9	224.	2.5	2.52	11.8
%RSD	.22519	.40526	.05894	2.4665	.26706

#1	3926.9	55038.	4184.1	104.03	4415.0
#2	3939.4	55354.	4180.6	100.47	4431.7

Sample Name: J6135-04 Acquired: 12/7/2018 14:25:01 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00666	-.01007	.01485	.01066	.00316	-.30943	.00979	-.00002
Stddev	.00335	.00280	.00091	.00474	.00602	.01164	.00005	.00012
%RSD	50.265	27.867	6.1308	44.472	190.42	3.7619	.51108	644.15
#1	.00902	-.01205	.01550	.01401	-.00109	-.30120	.00983	.00006
#2	.00429	-.00808	.01421	.00731	.00741	-.31766	.00976	-.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00092	727.33	-.01339	.00035	.00556	-.15900	.00237	F 2272.8
Stddev	.00006	.14	.00038	.00052	.00046	.00617	.00003	1.1
%RSD	6.7007	.01910	2.8579	148.09	8.3534	3.8782	1.2870	.04809
#1	-.00097	727.43	-.01312	.00072	.00523	-.15464	.00239	2272.0
#2	-.00088	727.24	-.01367	-.00002	.00589	-.16336	.00234	2273.5
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01799	.00002	F 2915.9	.00291	.01450	F 1048.0	.01950	8.2436
Stddev	.00034	.00008	155.3	.00073	.00054	23.0	.00005	.0059
%RSD	1.8907	341.04	5.3241	25.262	3.7593	2.1980	.24822	.07110
#1	-.01774	-.00003	3025.7	.00343	.01488	1031.7	.01947	8.2395
#2	-.01823	.00008	2806.2	.00239	.01411	1064.3	.01954	8.2478
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2051.3	.36662	-.77461	-.01910	.82724	.0677	F 15.439	9.4171
Stddev	29.2	.00286	.01020	.00153	.00548	.0036	.050	.0683
%RSD	1.4246	.78142	1.3164	8.0169	.66247	5.310	.32095	.72516
#1	2030.6	.36865	-.76740	-.01801	.82337	.0651	15.404	9.3688
#2	2072.0	.36460	-.78182	-.02018	.83112	.0702	15.474	9.4654

Sample Name: J6135-04 Acquired: 12/7/2018 14:25:01 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.4735
Stddev	.0895
%RSD	1.3826

#1	6.5368
#2	6.4102

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1917.3	26832.	3218.1	69.507	1714.8
Stddev	15.8	401.	11.4	1.675	19.5
%RSD	.82431	1.4943	.35531	2.4100	1.1389

#1	1928.5	27116.	3210.0	68.323	1728.6
#2	1906.1	26548.	3226.2	70.692	1700.9

Sample Name: J6135-04DUP Acquired: 12/7/2018 14:41:08 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00269	-.00749	.01713	.00639	-.00339	-.29872	.01083	.00006
Stddev	.00429	.00115	.00064	.00458	.00001	.01468	.00155	.00018
%RSD	159.25	15.383	3.7235	71.699	.41351	4.9127	14.360	312.94

#1	.00572	-.00668	.01668	.00315	-.00340	-.30910	.01192	-.00007
#2	-.00034	-.00831	.01758	.00962	-.00338	-.28834	.00973	.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00107	737.65	-.01385	-.00002	.00530	-.17063	.00238	F 2296.4
Stddev	.00002	12.53	.00073	.00010	.00030	.00739	.00006	36.7
%RSD	1.4224	1.6986	5.2367	518.06	5.5766	4.3332	2.4500	1.6002

#1	-.00108	746.51	-.01334	.00005	.00509	-.16540	.00234	2322.4
#2	-.00106	728.79	-.01436	-.00009	.00551	-.17586	.00242	2270.4

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01979	.00116	F 2751.5	.00262	.01365	F 1069.2	.02064	8.2115
Stddev	.00033	.00078	304.0	.00033	.00057	34.8	.00064	.1938
%RSD	1.6806	67.283	11.047	12.689	4.1601	3.2555	3.1207	2.3607

#1	-.01956	.00171	2966.4	.00239	.01405	1093.8	.02019	8.3485
#2	-.02003	.00061	2536.5	.00286	.01325	1044.6	.02110	8.0744

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2094.8	.38144	-.78882	-.01936	.81070	.0684	F 15.689	9.5369
Stddev	13.5	.01140	.00376	.00232	.01496	.0003	.159	.0771
%RSD	.64269	2.9883	.47660	11.997	1.8453	.4202	1.0141	.80880

#1	2085.3	.38950	-.78616	-.02100	.82128	.0682	15.802	9.4823
#2	2104.4	.37338	-.79147	-.01772	.80012	.0686	15.577	9.5914

Sample Name: J6135-04DUP Acquired: 12/7/2018 14:41:08 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.9856
Stddev	.9926
%RSD	16.583

#1	5.2837
#2	6.6875

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1884.1	26458.	3184.4	68.590	1687.5
Stddev	16.1	81.	68.0	3.262	6.1
%RSD	.85375	.30663	2.1350	4.7559	.36415

#1	1872.7	26515.	3136.3	66.283	1683.2
#2	1895.5	26400.	3232.5	70.897	1691.9

Sample Name: J6135-04LX5 Acquired: 12/7/2018 14:45:26 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00232	-.00498	.00808	.00089	-.00296	-.06061	.00698	.00003
Stddev	.00054	.00049	.00206	.00074	.00026	.00005	.00027	.00000
%RSD	23.505	9.8531	25.507	83.952	8.7871	.07966	3.8136	9.3440
#1	.00193	-.00532	.00954	.00036	-.00314	-.06057	.00679	.00003
#2	.00270	-.00463	.00663	.00141	-.00277	-.06064	.00717	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00050	171.76	-.00246	-.00076	.00124	-.04861	.00081	539.03
Stddev	.00019	1.18	.00006	.00037	.00022	.00844	.00001	.70
%RSD	37.460	.68419	2.5691	48.716	17.821	17.352	.96906	.12928
#1	-.00063	170.93	-.00242	-.00102	.00139	-.04265	.00080	538.53
#2	-.00037	172.59	-.00251	-.00050	.00108	-.05458	.00081	539.52
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00744	.00006	F 2208.9	.00097	.00269	196.79	.00360	1.7887
Stddev	.00035	.00009	53.0	.00035	.00000	.65	.00053	.0259
%RSD	4.6450	141.78	2.3975	35.954	.03527	.33194	14.828	1.4465
#1	-.00768	.00012	2246.3	.00072	.00269	196.33	.00398	1.7704
#2	-.00720	-.00000	2171.4	.00122	.00269	197.25	.00322	1.8070
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 455.45	.08920	-.17218	-.00139	.10786	.0024	3.3950	7.4702
Stddev	3.24	.00127	.00083	.00292	.00468	.0008	.0187	.0684
%RSD	.71115	1.4259	.48147	209.53	4.3363	31.59	.54928	.91617
#1	457.74	.09010	-.17277	.00067	.10456	.0030	3.3818	7.4218
#2	453.16	.08831	-.17160	-.00346	.11117	.0019	3.4082	7.5186

Sample Name: J6135-04LX5 Acquired: 12/7/2018 14:45:26 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.5672
Stddev .0214
%RSD .46938

#1 4.5823
#2 4.5520

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2804.9	37121.	3491.1	79.728	2661.0
Stddev	20.0	142.	1.2	1.047	19.3
%RSD	.71357	.38159	.03388	1.3129	.72679

#1	2790.8	37021.	3490.3	80.468	2647.3
#2	2819.1	37221.	3491.9	78.988	2674.6

Sample Name: J6135-04MS Acquired: 12/7/2018 14:49:32 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1854	1.7714	1.0061	2.8423	1.1480	3.1875	.24434	.32372
Stddev	.0129	.0081	.0101	.0211	.0096	.0758	.00269	.00840
%RSD	1.0885	.45792	1.0069	.74388	.83251	2.3773	1.1027	2.5942

#1	1.1946	1.7771	1.0133	2.8573	1.1548	3.1339	.24244	.31778
#2	1.1763	1.7657	.99895	2.8274	1.1413	3.2411	.24625	.32966

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19893	754.34	.38522	.20713	.27920	2.7788	.20367	F 2336.0
Stddev	.00151	10.98	.00598	.00148	.00331	.0547	.00344	21.9
%RSD	.75947	1.4550	1.5518	.71545	1.1846	1.9687	1.6877	.93760

#1	.20000	746.58	.38100	.20818	.28153	2.7402	.20124	2320.6
#2	.19786	762.10	.38945	.20608	.27686	2.8175	.20610	2351.5

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46459	.12941	F 2718.2	.29735	.22751	F 1100.6	.43606	8.6321
Stddev	.00489	.00219	25.2	.00576	.00476	27.1	.00106	.1263
%RSD	1.0517	1.6917	.92867	1.9361	2.0902	2.4651	.24260	1.4628

#1	.46805	.12786	2736.0	.29328	.22415	1081.4	.43681	8.5428
#2	.46114	.13096	2700.3	.30142	.23088	1119.7	.43532	8.7214

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2001.5	1.3512	-.04963	.19215	1.2751	9.209	F 16.344	9.5616
Stddev	19.8	.0115	.00261	.00533	.0217	.096	.548	.0699
%RSD	.99012	.85403	5.2681	2.7761	1.7055	1.046	3.3511	.73109

#1	2015.5	1.3430	-.05148	.18838	1.2598	9.277	15.957	9.5122
#2	1987.5	1.3594	-.04778	.19592	1.2905	9.141	16.731	9.6111

Sample Name: J6135-04MS Acquired: 12/7/2018 14:49:32 Type: Unk
 Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.3985
Stddev	.6184
%RSD	11.455

#1	4.9612
#2	5.8357

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1942.5	26814.	3100.5	66.971	1742.4
Stddev	8.3	624.	26.7	1.515	12.2
%RSD	.42948	2.3275	.86088	2.2625	.70267

#1	1936.6	27256.	3119.4	68.043	1733.7
#2	1948.4	26373.	3081.6	65.900	1751.1

Sample Name: J6135-04MSD Acquired: 12/7/2018 14:53:40 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1858	1.7955	1.0210	2.8453	1.1437	3.0770	.24308	.32171
Stddev	.0067	.0026	.0057	.0065	.0050	.0943	.00084	.00661
%RSD	.56280	.14508	.55682	.22694	.43405	3.0643	.34557	2.0542
#1	1.1906	1.7974	1.0251	2.8499	1.1472	3.0104	.24249	.31704
#2	1.1811	1.7937	1.0170	2.8408	1.1402	3.1437	.24367	.32639
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20104	754.72	.38679	.21035	.28082	2.6886	.20434	F 2348.0
Stddev	.00092	4.41	.00583	.00135	.00053	.0174	.00379	18.9
%RSD	.45945	.58365	1.5069	.64085	.18848	.64863	1.8555	.80534
#1	.20169	751.61	.38267	.21131	.28120	2.6763	.20166	2334.6
#2	.20039	757.84	.39091	.20940	.28045	2.7010	.20702	2361.4
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47001	.12701	F 2725.6	.30068	.22307	F 1100.7	.43905	8.6739
Stddev	.00469	.00106	225.7	.00398	.00229	2.9	.00226	.1086
%RSD	.99753	.83409	8.2813	1.3227	1.0261	.26084	.51576	1.2517
#1	.47332	.12776	2885.2	.29787	.22469	1098.6	.44065	8.5971
#2	.46669	.12626	2566.0	.30349	.22145	1102.7	.43745	8.7506
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2022.1	1.3536	-.04684	.19130	1.2652	9.273	F 16.573	9.4560
Stddev	9.2	.0104	.00014	.00347	.0161	.047	.271	.1377
%RSD	.45706	.76981	.29444	1.8141	1.2728	.5052	1.6345	1.4562
#1	2028.6	1.3610	-.04674	.18885	1.2538	9.306	16.765	9.3586
#2	2015.5	1.3463	-.04693	.19376	1.2766	9.240	16.382	9.5534

Sample Name: J6135-04MSD Acquired: 12/7/2018 14:53:40 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.5260
Stddev	.0601
%RSD	1.0881

#1	5.5685
#2	5.4835

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1930.2	26968.	3070.2	67.779	1722.5
Stddev	9.1	453.	2.8	.589	9.1
%RSD	.47276	1.6784	.09080	.86946	.52669

#1	1923.7	27288.	3072.2	67.363	1716.0
#2	1936.6	26648.	3068.2	68.196	1728.9

Sample Name: J6135-04A Acquired: 12/7/2018 14:57:45 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1915	1.8053	1.0248	2.8618	1.1638	3.2271	.23752	.32305
Stddev	.0251	.0127	.0039	.0466	.0221	.0034	.00205	.00068
%RSD	2.1060	.70450	.37668	1.6271	1.9011	.10604	.86203	.20895

#1	1.1738	1.7963	1.0221	2.8289	1.1482	3.2295	.23607	.32257
#2	1.2093	1.8143	1.0275	2.8947	1.1795	3.2247	.23897	.32353

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20180	732.53	.38528	.21130	.28146	2.7561	.20472	F 2291.2
Stddev	.00146	10.28	.00322	.00258	.00461	.0393	.00021	26.6
%RSD	.72555	1.4029	.83641	1.2220	1.6374	1.4263	.10147	1.1622

#1	.20076	725.26	.38756	.20948	.27820	2.7839	.20457	2272.4
#2	.20283	739.80	.38300	.21313	.28472	2.7283	.20487	2310.0

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47495	.12792	F 2529.9	.29792	.22454	F 1076.5	.44363	8.4801
Stddev	.00387	.00095	18.5	.00049	.00158	18.7	.00542	.0628
%RSD	.81525	.74160	.73052	.16484	.70272	1.7395	1.2210	.74025

#1	.47221	.12724	2516.8	.29826	.22566	1063.2	.43980	8.4357
#2	.47769	.12859	2543.0	.29757	.22343	1089.7	.44746	8.5245

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2040.7	1.2915	-.05384	.18566	1.2408	9.349	F 16.257	9.5393
Stddev	13.5	.0201	.00033	.00348	.0083	.083	.695	.0664
%RSD	.66003	1.5549	.61454	1.8720	.66478	.8896	4.2750	.69565

#1	2031.2	1.2773	-.05407	.18812	1.2350	9.290	15.766	9.5862
#2	2050.2	1.3057	-.05361	.18321	1.2467	9.408	16.748	9.4924

Sample Name: J6135-04A Acquired: 12/7/2018 14:57:45 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.5824
Stddev	.0794
%RSD	1.4230

#1	5.5262
#2	5.6385

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1904.5	26736.	3157.7	67.325	1701.4
Stddev	26.8	87.	34.2	.566	20.0
%RSD	1.4088	.32613	1.0839	.84105	1.1755

#1	1923.5	26674.	3181.9	66.924	1715.6
#2	1885.5	26798.	3133.5	67.725	1687.3

Sample Name: CCV03 Acquired: 12/7/2018 15:21:38 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3928	4.8647	5.1196	5.0803	5.2975	10.205	10.203	.24968
Stddev	.0120	.0136	.0060	.0021	.0024	.127	.003	.00082
%RSD	.22192	.27965	.11674	.04098	.04575	1.2484	.02579	.33010
#1	5.3844	4.8550	5.1239	5.0789	5.2992	10.115	10.205	.24910
#2	5.4013	4.8743	5.1154	5.0818	5.2958	10.295	10.202	.25027
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4584	26.459	1.0077	2.5054	1.2778	4.7744	2.5185	25.252
Stddev	.0004	.067	.0120	.0009	.0010	.1249	.0170	.139
%RSD	.01653	.25388	1.1943	.03617	.07716	2.6168	.67618	.54916
#1	2.4582	26.412	.99918	2.5060	1.2785	4.6860	2.5065	25.350
#2	2.4587	26.507	1.0162	2.5047	1.2771	4.8627	2.5306	25.154
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4124	1.3325	24.653	2.3134	2.5815	26.050	5.3483	4.8997
Stddev	.0018	.0119	.013	.0207	.0735	.031	.0002	.0234
%RSD	.07334	.89542	.05075	.89341	2.8471	.12041	.00382	.47687
#1	2.4137	1.3241	24.644	2.2988	2.5296	26.027	5.3484	4.8832
#2	2.4112	1.3410	24.662	2.3280	2.6335	26.072	5.3481	4.9162
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1270	5.3432	5.0671	5.0150	5.0971	4.846	5.3628	5.0264
Stddev	.0087	.0149	.0075	.0090	.0038	.005	.0333	.0974
%RSD	.16971	.27850	.14764	.17979	.07519	.1091	.62185	1.9368
#1	5.1209	5.3326	5.0724	5.0214	5.0943	4.850	5.3393	4.9576
#2	5.1332	5.3537	5.0618	5.0086	5.0998	4.842	5.3864	5.0953

Sample Name: CCV03 Acquired: 12/7/2018 15:21:38 Type: Unk
 Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.2822
 Stddev .4458
 %RSD 19.532

#1 1.9670
 #2 2.5974

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3588.0	50428.	3922.2	90.630	3724.6
Stddev	10.6	331.	7.3	2.260	14.0
%RSD	.29520	.65641	.18692	2.4938	.37500

#1	3580.5	50662.	3917.0	92.228	3714.7
#2	3595.5	50194.	3927.4	89.032	3734.4

Sample Name: CCB03 Acquired: 12/7/2018 15:29:27 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00064	-.00077	.00192	.00108	-.00036	.00345	.00292	-.00002
Stddev	.00060	.00001	.00044	.00128	.00110	.00305	.00036	.00001
%RSD	94.515	1.5087	22.796	118.06	303.23	88.372	12.176	69.081
#1	.00106	-.00077	.00161	.00018	.00041	.00561	.00317	-.00001
#2	.00021	-.00076	.00223	.00198	-.00114	.00129	.00267	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00539	-.00014	.00001	-.00044	-.00392	-.00010	-.01701
Stddev	.00012	.01050	.00051	.00001	.00058	.00429	.00002	.01841
%RSD	552.89	194.82	358.78	171.80	131.45	109.30	19.798	108.24
#1	.00006	-.01282	.00022	-.00000	-.00085	-.00089	-.00011	-.03003
#2	-.00011	.00204	-.00051	.00001	-.00003	-.00695	-.00008	-.00399
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	-.00005	F 1.1998	-.00035	-.00062	.11304	.00026	.00544
Stddev	.00026	.00017	.0219	.00029	.00001	.01042	.00032	.00421
%RSD	198.92	331.04	1.8212	83.182	1.4808	9.2221	120.35	77.374
#1	.00005	.00007	1.1843	-.00014	-.00061	.12041	.00049	.00246
#2	-.00031	-.00017	1.2152	-.00055	-.00062	.10567	.00004	.00841
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .02559	.00961	-.00191	.00463	-.00386	-.0042	-.00004	F 4.0909
Stddev	.00183	.00451	.00010	.00217	.00058	.0009	.00001	.0226
%RSD	7.1410	46.888	5.4771	46.762	15.001	22.49	15.606	.55265
#1	.02430	.01280	-.00184	.00310	-.00427	-.0035	-.00004	4.0750
#2	.02689	.00642	-.00199	.00616	-.00345	-.0049	-.00003	4.1069

Sample Name: CCB03 Acquired: 12/7/2018 15:29:27 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .35410
Stddev .24785
%RSD 69.995

#1 .52936
#2 .17884

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3819.1	54173.	4066.1	97.229	4370.1
Stddev	12.4	180.	14.2	.418	11.0
%RSD	.32460	.33198	.34891	.43029	.25098

#1	3810.3	54046.	4056.1	97.525	4362.3
#2	3827.9	54301.	4076.1	96.933	4377.8

Sample Name: PB115424BL Acquired: 12/7/2018 15:33:31 Type: Unk
Method: P4-ICP2(v2639) 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	.00031	-.00004	.00202	.00084	-.00135	.00282	.00362
Stddev	.00241	.00017	.00084	.00149	.00042	.01492	.00039
%RSD	767.93	383.27	41.465	177.19	31.173	529.37	10.835

#1	.00202	-.00016	.00143	.00190	-.00165	.01337	.00334
#2	-.00139	.00007	.00261	-.00021	-.00105	-.00773	.00390

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00003	-.00150	.00034	.00015	-.00050	.00101
Stddev	.00001	.00009	.00978	.00012	.00015	.00045	.00330
%RSD	247.86	281.21	652.37	34.222	104.03	88.250	327.44

#1	-.00001	.00010	.00542	.00026	.00004	-.00019	-.00132
#2	.00000	-.00003	-.00841	.00043	.00025	-.00082	.00334

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	-.02456	.00000	.00002	F 1.0720	.00001	-.00067
Stddev	.00000	.00963	.00009	.00006	.0394	.00000	.00005
%RSD	2.1008	39.217	2709.9	276.99	3.6799	9.0304	7.1534

#1	-.00014	-.01775	-.00006	-.00002	1.0441	.00001	-.00064
#2	-.00013	-.03137	.00007	.00007	1.0999	.00001	-.00071

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05046	.00012	.01312	F .01705	.00967	-.00195	.00243
Stddev	.06287	.00003	.01566	.00044	.00483	.00014	.00043
%RSD	124.58	24.439	119.39	2.5783	49.941	6.9851	17.811

#1	.09492	.00010	.00204	.01736	.01308	-.00204	.00274
#2	.00601	.00014	.02419	.01673	.00625	-.00185	.00213

Sample Name: PB115424BL Acquired: 12/7/2018 15:33:31 Type: Unk
 Method: P4-ICP2(v2639) 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	-.00440	-.0044	-.00006	F 3.8165	F<.00000
Stddev	.00073	.0001	.00006	.0091	.52193
%RSD	16.652	1.741	97.470	.23960	223.64

#1	-.00492	-.0044	-.00002	3.8100	.13568
#2	-.00388	-.0045	-.00010	3.8229	-.60244

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3834.0	54459.	4094.7	97.150	4377.8
Stddev	5.7	174.	36.1	1.261	5.4
%RSD	.14779	.32027	.88071	1.2980	.12403

#1	3830.0	54336.	4069.2	96.258	4373.9
#2	3838.1	54582.	4120.2	98.042	4381.6

Sample Name: PB115424BS Acquired: 12/7/2018 15:37:35 Type: Unk
Method: P4-ICP2(v2639) 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	.84267	1.9378	.98920	2.0021	.84185	2.0461	.21673
Stddev	.00142	.0025	.00475	.0010	.00197	.0113	.00203
%RSD	.16845	.13039	.48021	.04984	.23410	.55134	.93754

#1	.84166	1.9396	.99256	2.0014	.84324	2.0541	.21816
#2	.84367	1.9361	.98584	2.0028	.84045	2.0381	.21529

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20052	.18673	1.1239	.41635	.19840	.33711	2.9483
Stddev	.00042	.00090	.0116	.00065	.00029	.00042	.0705
%RSD	.20962	.48448	1.0341	.15508	.14587	.12459	2.3908

#1	.20082	.18737	1.1157	.41589	.19861	.33681	2.8984
#2	.20022	.18609	1.1321	.41680	.19820	.33740	2.9981

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21212	2.1452	.48099	.07666	F 3.6126	.28582	.21995
Stddev	.00017	.0694	.00002	.00046	.0316	.00190	.00445
%RSD	.08126	3.2357	.00352	.59386	.87408	.66405	2.0242

#1	.21200	2.1943	.48100	.07698	3.6349	.28448	.21680
#2	.21225	2.0961	.48098	.07634	3.5903	.28716	.22310

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.841	.42967	.31155	F .01382	1.0172	.66911	.20604
Stddev	.007	.00017	.00620	.00123	.0038	.00168	.00252
%RSD	.06898	.04042	1.9889	8.9257	.37093	.25176	1.2250

#1	10.835	.42979	.31593	.01295	1.0145	.67030	.20782
#2	10.846	.42955	.30717	.01469	1.0199	.66792	.20425

Sample Name: PB115424BS Acquired: 12/7/2018 15:37:35 Type: Unk
Method: P4-ICP2(v2639) 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	.20621	F 5.197	.22032	F 3.6732	F<.00000
Stddev	.00030	.032	.00113	.0174	.32678
%RSD	.14631	.6192	.51486	.47292	18.287

#1	.20642	5.220	.22113	3.6609	-2.0181
#2	.20600	5.174	.21952	3.6854	-1.5559

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3897.7	55561.	4162.2	100.44	4401.5
Stddev	12.3	32.	19.0	2.24	1.1
%RSD	.31480	.05760	.45608	2.2293	.02518

#1	3906.4	55584.	4148.7	102.03	4402.3
#2	3889.1	55539.	4175.6	98.858	4400.7

Sample Name: J6284-01 Acquired: 12/7/2018 15:41:25 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00228	-.00471	.00501	.00370	-.00391	-.01212	.20832	.00002
Stddev	.00106	.00021	.00080	.00213	.00101	.00755	.00258	.00002
%RSD	46.276	4.5397	16.017	57.603	25.685	62.294	1.2375	82.176

#1	.00303	-.00456	.00444	.00219	-.00320	-.00678	.21015	.00004
#2	.00154	-.00486	.00558	.00521	-.00462	-.01746	.20650	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	264.57	-.00052	-.00053	.00565	-.08331	.00034	98.194
Stddev	.00004	.64	.00031	.00009	.00021	.00628	.00004	1.027
%RSD	29.315	.24153	59.758	16.265	3.6757	7.5432	11.351	1.0459

#1	-.00012	265.02	-.00030	-.00059	.00550	-.08775	.00036	98.920
#2	-.00018	264.11	-.00075	-.00047	.00580	-.07887	.00031	97.468

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	-.00048	1023.1	.00154	.05023	39.460	.02936	.40175
Stddev	.00053	.00054	3.9	.00012	.00082	.369	.00040	.01640
%RSD	206.77	113.04	.38275	7.5114	1.6227	.93423	1.3787	4.0819

#1	.00012	-.00086	1025.9	.00146	.04965	39.720	.02907	.41334
#2	-.00064	-.00010	1020.3	.00163	.05081	39.199	.02965	.39015

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 136.90	F 16.768	-.05204	-.00146	.03114	.0637	1.6251	5.9425
Stddev	.65	.087	.00043	.00107	.00176	.0019	.0090	.0257
%RSD	.47370	.51810	.81784	73.493	5.6592	3.054	.55156	.43286

#1	136.44	16.829	-.05174	-.00070	.03239	.0623	1.6315	5.9607
#2	137.36	16.706	-.05234	-.00222	.02990	.0650	1.6188	5.9243

Sample Name: J6284-01 Acquired: 12/7/2018 15:41:25 Type: Unk
 Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.8910
Stddev	.1312
%RSD	3.3716

#1	3.9838
#2	3.7982

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3251.1	44767.	3941.2	92.834	3274.3
Stddev	6.4	119.	24.7	1.742	6.8
%RSD	.19581	.26647	.62788	1.8769	.20722

#1	3255.6	44683.	3923.7	94.066	3279.1
#2	3246.6	44851.	3958.7	91.602	3269.5

Sample Name: J6183-01 Acquired: 12/7/2018 15:49:41 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 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	.00015	.00057	.00039	-.00213	.75651	.00653	-.00007
Stddev	.00042	.00048	.00071	.00099	.00056	.02153	.00054	.00003
%RSD	75.338	311.76	124.57	251.59	26.435	2.8461	8.2870	44.719

#1	-.00026	-.00018	.00107	.00109	-.00253	.74129	.00614	-.00010
#2	-.00086	.00049	.00007	-.00031	-.00173	.77174	.00691	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	.31427	.00779	-.00003	.00835	.13599	.00348	.06964
Stddev	.00001	.00170	.00002	.00011	.00050	.00662	.00002	.00975
%RSD	5.4619	.54028	.23352	343.86	6.0032	4.8654	.68407	13.997

#1	.00025	.31307	.00780	-.00011	.00800	.13131	.00350	.07654
#2	.00027	.31547	.00778	.00005	.00871	.14066	.00346	.06275

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00296	.00005	1.0294	-.00019	.03826	.41233	.00046	.02029
Stddev	.00022	.00020	.0094	.00034	.00061	.00585	.00011	.00160
%RSD	7.5953	398.64	.91135	185.69	1.5975	1.4198	25.005	7.8747

#1	.00280	.00020	1.0227	.00006	.03869	.40819	.00038	.01916
#2	.00311	-.00009	1.0360	-.00043	.03782	.41647	.00054	.02142

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03321	.06318	-.00301	.00388	-.00697	.0002	.00073	3.5410
Stddev	.00246	.00062	.00090	.00137	.00018	.0006	.00003	.0702
%RSD	7.4198	.98428	29.813	35.229	2.6102	297.0	4.3622	1.9818

#1	.03146	.06274	-.00364	.00485	-.00684	.0006	.00071	3.4914
#2	.03495	.06362	-.00238	.00292	-.00710	-.0002	.00075	3.5906

Sample Name: J6183-01 Acquired: 12/7/2018 15:49:41 Type: Unk
 Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .16940
 Stddev .43993
 %RSD 259.70

#1 -.14168
 #2 .48048

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3940.1	56357.	4253.9	102.80	4541.2
Stddev	2.2	116.	18.9	1.87	2.1
%RSD	.05637	.20506	.44496	1.8171	.04551

#1	3938.5	56439.	4240.5	101.48	4539.7
#2	3941.7	56275.	4267.3	104.12	4542.6

Sample Name: J6207-01 Acquired: 12/7/2018 15:53:45 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00761	-.00250	.02176	.04743	-.00088	13.389	.42395	.00072
Stddev	.00144	.00039	.00022	.00316	.00063	.024	.00256	.00002
%RSD	18.908	15.495	.99573	6.6547	71.711	.17957	.60414	2.5854
#1	.00659	-.00223	.02161	.04966	-.00043	13.372	.42576	.00071
#2	.00863	-.00277	.02192	.04520	-.00133	13.406	.42214	.00073
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00045	221.88	.01131	.00974	.05515	15.313	.54346	53.515
Stddev	.00009	.96	.00010	.00053	.00033	.056	.00077	.132
%RSD	19.998	.43076	.84056	5.4094	.60419	.36882	.14082	.24584
#1	.00038	221.20	.01137	.00937	.05538	15.353	.54400	53.608
#2	.00051	222.55	.01124	.01011	.05491	15.273	.54292	53.422
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02606	-.00065	611.65	.03006	.54615	13.100	.02319	.27656
Stddev	.00021	.00014	2.73	.00035	.00006	.015	.00020	.00267
%RSD	.82130	21.730	.44581	1.1804	.01056	.11467	.87015	.96582
#1	.02621	-.00055	609.73	.03031	.54619	13.111	.02334	.27467
#2	.02591	-.00075	613.58	.02981	.54611	13.090	.02305	.27845
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 201.30	F 25.454	-.07607	.32224	.11588	.8783	2.3444	5.2116
Stddev	.45	.023	.00008	.00195	.00153	.0024	.0013	.1936
%RSD	.22362	.08907	.10926	.60649	1.3178	.2689	.05326	3.7155
#1	201.62	25.438	-.07601	.32086	.11480	.8800	2.3435	5.0747
#2	200.98	25.470	-.07613	.32363	.11696	.8767	2.3453	5.3485

Sample Name: J6207-01 Acquired: 12/7/2018 15:53:45 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.0775
Stddev	.1962
%RSD	4.8128

#1	4.2163
#2	3.9388

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3485.1	48459.	4150.1	96.498	3474.4
Stddev	1.4	163.	8.1	.015	.9
%RSD	.04115	.33690	.19590	.01570	.02606

#1	3486.1	48575.	4155.9	96.508	3475.0
#2	3484.1	48344.	4144.4	96.487	3473.7

Sample Name: J6256-01 Acquired: 12/7/2018 15:57:50 Type: Unk
 Method: P4-ICP2(v2639) 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	.00507	-.04768	-.04234	.09189	.01714	.57660	.02474
Stddev	.00168	.00084	.00282	.01218	.00444	.02522	.00090
%RSD	33.052	1.7519	6.6679	13.259	25.918	4.3732	3.6431

#1	.00389	-.04828	-.04034	.10050	.01399	.59443	.02410
#2	.00626	-.04709	-.04434	.08327	.02028	.55877	.02538

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00200	-.00581	297.64	.01609	.42666	-.06128	-.09889
Stddev	.00001	.00017	1.47	.00118	.00363	.00153	.00766
%RSD	.58570	2.8669	.49294	7.3494	.85074	2.4993	7.7416

#1	.00199	-.00569	296.60	.01692	.42409	-.06237	-.10430
#2	.00200	-.00592	298.67	.01525	.42923	-.06020	-.09347

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00291	7.1528	.49151	.00676	F 2283.8	.00689	.04182
Stddev	.00002	.0427	.00213	.00268	155.0	.00042	.00150
%RSD	.69929	.59713	.43275	39.675	6.7872	6.0391	3.5959

#1	.00292	7.1226	.49001	.00486	2393.4	.00718	.04076
#2	.00289	7.1830	.49301	.00865	2174.2	.00659	.04288

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	548.52	8.6130	.35056	F 5684.9	1.6916	F -2.1447	-.00040
Stddev	10.78	.0267	.01275	38.1	.0040	.0116	.00170
%RSD	1.9653	.30946	3.6377	.66980	.23637	.54249	427.21

#1	540.90	8.5942	.35957	5657.9	1.6945	-2.1365	.00080
#2	556.14	8.6319	.34154	5711.8	1.6888	-2.1530	-.00160

Sample Name: J6256-01 Acquired: 12/7/2018 15:57:50 Type: Unk
Method: P4-ICP2(v2639) 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	.36919	.0283	.86723	11.278	.40288
Stddev	.10428	.0114	.00280	.009	.32977
%RSD	28.246	40.16	.32324	.07644	81.852

#1	.29545	.0203	.86525	11.284	.16970
#2	.44293	.0363	.86921	11.272	.63606

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1130.3	16372.	2355.0	48.815	947.90
Stddev	4.2	40.	.5	1.775	2.30
%RSD	.37017	.24704	.02096	3.6363	.24285

#1	1127.4	16343.	2354.7	50.070	946.27
#2	1133.3	16401.	2355.4	47.560	949.53

Sample Name: J6256-01DUP Acquired: 12/7/2018 16:01:59 Type: Unk
Method: P4-ICP2(v2639) 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	.01049	-.04861	-.03962	.09424	.02043	.56915	.02443
Stddev	.00065	.00137	.00589	.00732	.00093	.03449	.00166
%RSD	6.2134	2.8273	14.860	7.7669	4.5597	6.0602	6.7826

#1	.01003	-.04958	-.04378	.08907	.02109	.54476	.02561
#2	.01095	-.04764	-.03546	.09942	.01977	.59354	.02326

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00196	-.00629	302.63	.01452	.41749	-.06036	-.08997
Stddev	.00023	.00029	.35	.00038	.00602	.00117	.00630
%RSD	11.849	4.5934	.11508	2.6245	1.4419	1.9359	7.0020

#1	.00213	-.00608	302.88	.01425	.42174	-.06118	-.08551
#2	.00180	-.00649	302.39	.01479	.41323	-.05953	-.09442

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00287	7.0629	.49002	.00564	F 2022.1	.00631	.03785
Stddev	.00006	.0569	.00441	.00057	50.0	.00030	.00061
%RSD	2.1947	.80558	.89991	10.099	2.4709	4.6801	1.6156

#1	.00282	7.1032	.49314	.00604	2057.4	.00652	.03828
#2	.00291	7.0227	.48690	.00524	1986.8	.00611	.03742

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	569.74	8.4910	.34588	F 5552.5	1.7369	F -2.0944	-.00078
Stddev	13.48	.1636	.01217	99.3	.0143	.0327	.00008
%RSD	2.3660	1.9271	3.5199	1.7884	.82379	1.5601	10.206

#1	560.21	8.6067	.33727	5622.7	1.7470	-2.1175	-.00072
#2	579.27	8.3753	.35449	5482.2	1.7268	-2.0713	-.00084

Sample Name: J6256-01DUP Acquired: 12/7/2018 16:01:59 Type: Unk
Method: P4-ICP2(v2639) 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	.58140	.0266	.87795	11.307	.98574
Stddev	.08071	.0035	.00388	.012	.86710
%RSD	13.882	13.28	.44199	.10863	87.964

#1	.52433	.0291	.88070	11.298	1.5989
#2	.63847	.0241	.87521	11.316	.37261

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1150.1	16343.	2310.1	47.781	964.41
Stddev	29.7	32.	12.8	1.336	24.84
%RSD	2.5793	.19365	.55494	2.7961	2.5760

#1	1129.2	16320.	2301.0	46.837	946.84
#2	1171.1	16365.	2319.1	48.726	981.98

Sample Name: J6256-01LX5 Acquired: 12/7/2018 16:06:04 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00567	-.01168	-.00434	.02116	.00258	.09543	.01188	.00048
Stddev	.00070	.00094	.00111	.00076	.00222	.03228	.00080	.00011
%RSD	12.353	8.0376	25.580	3.5911	86.192	33.826	6.7088	23.023
#1	.00617	-.01101	-.00512	.02169	.00415	.11826	.01245	.00040
#2	.00518	-.01234	-.00355	.02062	.00101	.07260	.01132	.00056
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00147	74.696	.00381	.09354	-.00795	-.03898	.00072	1.8448
Stddev	.00004	.722	.00013	.00096	.00060	.00174	.00005	.0809
%RSD	2.7055	.96662	3.3736	1.0280	7.5614	4.4660	7.5868	4.3865
#1	-.00144	75.207	.00390	.09286	-.00752	-.03775	.00075	1.9020
#2	-.00150	74.186	.00372	.09422	-.00837	-.04021	.00068	1.7876
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10810	.00140	F 2673.6	.00017	.00543	85.397	1.8959	.07223
Stddev	.00112	.00098	108.6	.00024	.00016	.006	.0018	.01230
%RSD	1.0320	69.839	4.0611	141.66	2.9129	.00704	.09314	17.028
#1	.10731	.00071	2750.4	-.00000	.00532	85.392	1.8946	.08093
#2	.10889	.00210	2596.8	.00034	.00554	85.401	1.8971	.06353
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2120.4	.36671	-.79759	.00181	.03324	-.0038	.18415	9.0802
Stddev	10.9	.01077	.00502	.00069	.00093	.0002	.00220	.0468
%RSD	.51182	2.9382	.63000	38.331	2.8001	5.812	1.1950	.51548
#1	2112.8	.37433	-.79404	.00230	.03389	-.0039	.18570	9.0471
#2	2128.1	.35909	-.80114	.00132	.03258	-.0036	.18259	9.1133

Sample Name: J6256-01LX5 Acquired: 12/7/2018 16:06:04 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.6291
Stddev	.2403
%RSD	9.1396

#1	2.7990
#2	2.4592

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2196.7	28565.	3087.3	70.260	1981.6
Stddev	2.8	22.	47.2	.335	3.4
%RSD	.12918	.07693	1.5277	.47623	.17254

#1	2198.7	28581.	3053.9	70.024	1984.0
#2	2194.7	28550.	3120.6	70.497	1979.1

Sample Name: J6257-02 Acquired: 12/7/2018 16:10:10 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00196	-.00187	.03258	.00566	.02254	.88400	.06460	-.00002
Stddev	.00286	.00013	.00055	.00105	.00155	.00486	.00061	.00005
%RSD	145.88	7.1345	1.6908	18.484	6.8911	.55002	.94939	198.03
#1	-.00398	-.00196	.03297	.00492	.02144	.88743	.06416	.00001
#2	.00006	-.00177	.03219	.00640	.02364	.88056	.06503	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00269	16.729	.02516	.00416	.17079	25.742	.28930	2.7665
Stddev	.00008	.001	.00013	.00037	.00033	.042	.00070	.0687
%RSD	2.9020	.00327	.50688	8.9010	.19196	.16278	.24283	2.4840
#1	.00275	16.729	.02507	.00442	.17102	25.712	.28979	2.8151
#2	.00264	16.728	.02525	.00390	.17056	25.772	.28880	2.7179
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02927	-.00021	322.41	.00178	.57485	12.298	.01541	.20160
Stddev	.00024	.00027	3.95	.00010	.00159	.156	.00009	.00013
%RSD	.80975	124.53	1.2250	5.5175	.27656	1.2712	.60583	.06622
#1	.02944	-.00040	319.62	.00185	.57372	12.409	.01547	.20170
#2	.02911	-.00003	325.21	.00171	.57597	12.188	.01534	.20151
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 16.255	F 19.167	-.00030	.04444	.02443	2.150	.08836	5.4962
Stddev	.031	.015	.00015	.00143	.00003	.004	.00067	.0941
%RSD	.18878	.08001	51.587	3.2270	.11226	.1964	.75646	1.7126
#1	16.277	19.156	-.00019	.04343	.02441	2.147	.08883	5.5628
#2	16.234	19.178	-.00041	.04546	.02445	2.153	.08788	5.4296

Sample Name: J6257-02 Acquired: 12/7/2018 16:10:10 Type: Unk
 Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.1529
Stddev	1.0579
%RSD	25.473

#1	4.9010
#2	3.4049

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3366.4	46912.	3853.1	89.371	3496.2
Stddev	9.5	357.	5.2	.454	3.3
%RSD	.28122	.76027	.13614	.50769	.09444

#1	3359.7	46660.	3849.4	89.692	3498.5
#2	3373.1	47164.	3856.8	89.050	3493.8

Sample Name: J6258-02 Acquired: 12/7/2018 16:14:13 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00122	-.00233	.00172	.00287	-.00156	.10731	.02880	-.00001
Stddev	.00354	.00024	.00082	.00180	.00019	.00672	.00184	.00003
%RSD	289.31	10.418	47.520	62.813	12.260	6.2641	6.3773	237.15

#1	.00128	-.00250	.00230	.00414	-.00169	.10256	.02751	-.00004
#2	-.00373	-.00215	.00114	.00159	-.00142	.11207	.03010	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	14.371	.00748	.02050	.04492	.10364	.00499	2.3646
Stddev	.00001	.539	.00002	.00010	.00059	.02107	.00005	.0477
%RSD	44.418	3.7511	.27323	.49925	1.3137	20.332	1.0720	2.0190

#1	-.00002	13.990	.00749	.02057	.04451	.08874	.00495	2.3308
#2	-.00004	14.752	.00746	.02043	.04534	.11854	.00503	2.3984

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00531	.00003	74.523	.00081	.05955	393.63	.00417	.09650
Stddev	.00085	.00036	3.035	.00074	.00203	13.17	.00024	.01918
%RSD	16.071	1110.3	4.0724	91.588	3.4023	3.3459	5.6782	19.870

#1	.00470	-.00022	72.377	.00028	.05812	384.32	.00433	.08294
#2	.00591	.00029	76.669	.00133	.06098	402.94	.00400	.11006

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 90.143	1.7681	-.03506	.05675	-.00477	.8496	.04315	5.4341
Stddev	.104	.0561	.00025	.00435	.00082	.0053	.00183	.0696
%RSD	.11534	3.1724	.71351	7.6637	17.263	.6274	4.2348	1.2810

#1	90.070	1.7285	-.03523	.05368	-.00419	.8458	.04186	5.4833
#2	90.217	1.8078	-.03488	.05983	-.00535	.8534	.04445	5.3848

Sample Name: J6258-02 Acquired: 12/7/2018 16:14:13 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .33480
Stddev .22391
%RSD 66.878

#1 .49312
#2 .17647

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3393.7	47533.	3987.1	94.685	3569.7
Stddev	1.6	63.	129.2	2.668	11.6
%RSD	.04700	.13213	3.2415	2.8178	.32603

#1	3394.8	47489.	4078.5	96.571	3561.5
#2	3392.5	47577.	3895.7	92.798	3578.0

Sample Name: CCV04 Acquired: 12/7/2018 16:18:21 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1157	4.6773	4.9106	4.8155	5.0317	9.7962	9.7569	.24244
Stddev	.0139	.0017	.0138	.0253	.0184	.1059	.0751	.00007
%RSD	.27246	.03676	.28086	.52525	.36642	1.0812	.77027	.02753
#1	5.1255	4.6785	4.9008	4.8334	5.0447	9.8711	9.7038	.24240
#2	5.1058	4.6761	4.9203	4.7976	5.0186	9.7213	9.8101	.24249
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3632	25.712	.98726	2.4083	1.2319	4.5801	2.4519	24.750
Stddev	.0072	.038	.00059	.0062	.0033	.0940	.0004	.200
%RSD	.30534	.14747	.05962	.25518	.26779	2.0520	.01731	.80748
#1	2.3581	25.685	.98768	2.4040	1.2342	4.6466	2.4516	24.609
#2	2.3683	25.738	.98685	2.4126	1.2295	4.5136	2.4522	24.891
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3212	1.2868	F 31.836	2.2660	2.4741	25.986	5.1233	4.7542
Stddev	.0037	.0032	.194	.0051	.0352	.188	.0093	.0081
%RSD	.15904	.25032	.61019	.22375	1.4227	.72310	.18126	.16995
#1	2.3186	1.2891	31.698	2.2696	2.4990	25.853	5.1298	4.7599
#2	2.3239	1.2845	31.973	2.2625	2.4492	26.119	5.1167	4.7485
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 5.7296	5.1022	4.8625	4.8402	4.9059	4.606	5.1294	F 5.5850
Stddev	.0524	.0613	.0100	.0027	.0355	.006	.0355	.0059
%RSD	.91406	1.2017	.20611	.05597	.72365	.1290	.69121	.10635
#1	5.6925	5.0589	4.8554	4.8421	4.8808	4.602	5.1043	5.5892
#2	5.7666	5.1456	4.8696	4.8383	4.9310	4.610	5.1545	5.5808

Sample Name: CCV04 Acquired: 12/7/2018 16:18:21 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.4135
Stddev	.1295
%RSD	5.3655

#1	2.5051
#2	2.3220

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3403.8	47208.	3663.8	85.868	3535.1
Stddev	5.5	103.	30.7	1.207	9.0
%RSD	.16086	.21804	.83705	1.4054	.25492

#1	3399.9	47135.	3685.4	85.015	3541.5
#2	3407.6	47280.	3642.1	86.722	3528.7

Sample Name: CCB04 Acquired: 12/7/2018 16:22:05 Type: Unk
Method: P4-ICP2(v2639) 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	.00127	.00073	.00225	-.00071	.00006	.00060	-.00953
Stddev	.00386	.00151	.00010	.00222	.00282	.00999	.00017
%RSD	303.10	206.65	4.5450	313.02	4602.6	1658.9	1.7821

#1	-.00146	.00179	.00218	.00086	-.00193	.00767	-.00941
#2	.00400	-.00034	.00232	-.00228	.00206	-.00646	-.00965

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00005	.00179	.00006	.00007	.00012	-.00259
Stddev	.00002	.00009	.01323	.00012	.00014	.00052	.00712
%RSD	250.45	200.09	739.46	221.94	193.14	429.75	274.91

#1	-.00001	-.00002	-.00756	-.00003	.00017	-.00025	-.00762
#2	.00002	.00011	.01114	.00014	-.00003	.00049	.00244

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.01461	-.00151	.00041	F 2.5360	.00014	-.00104
Stddev	.00003	.00426	.00032	.00021	.0093	.00023	.00003
%RSD	184.98	29.156	20.965	51.200	.36831	165.11	2.6565

#1	.00000	-.01762	-.00173	.00056	2.5426	.00031	-.00106
#2	-.00004	-.01160	-.00128	.00026	2.5294	-.00002	-.00102

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31251	.00057	.00123	F .91871	-.01548	.00053	.00445
Stddev	.02850	.00005	.00088	.04656	.00013	.00107	.00072
%RSD	9.1206	9.1023	71.594	5.0682	.82050	202.58	16.210

#1	.29236	.00054	.00061	.88579	-.01539	.00128	.00394
#2	.33267	.00061	.00186	.95164	-.01557	-.00023	.00496

Sample Name: CCB04 Acquired: 12/7/2018 16:22:05 Type: Unk
 Method: P4-ICP2(v2639) 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 -.01305	-.0046	.00002	F 2.7952	F .81638
Stddev	.00039	.0003	.00004	3.0045	.86058
%RSD	3.0173	5.619	211.30	107.49	105.41

#1	-.01277	-.0045	.00005	.67074	.20786
#2	-.01333	-.0048	-.00001	4.9197	1.4249

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3505.0	60958.	9825.9	242.50	3949.8
Stddev	20.8	16453.	170.9	4.06	23.4
%RSD	.59335	26.991	1.7394	1.6727	.59164

#1	3519.7	72592.	9705.0	239.63	3966.3
#2	3490.3	49324.	9946.7	245.37	3933.3

Sample Name: J6256-01MS Acquired: 12/7/2018 16:26:08 Type: Unk
Method: P4-ICP2(v2639) 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	1.3348	1.6645	.91302	3.2002	1.3680	5.0260	.25006
Stddev	.0173	.0063	.00450	.0153	.0014	.0589	.00601
%RSD	1.2960	.37971	.49336	.47940	.10476	1.1709	2.4031

#1	1.3226	1.6601	.90983	3.1893	1.3670	4.9844	.24581
#2	1.3471	1.6690	.91620	3.2110	1.3690	5.0676	.25431

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36604	.19175	314.27	.35154	.62461	.17179	2.5547
Stddev	.00281	.00051	7.99	.00048	.00190	.00171	.1298
%RSD	.76871	.26692	2.5432	.13583	.30424	.99592	5.0807

#1	.36803	.19139	308.62	.35120	.62327	.17300	2.4629
#2	.36405	.19211	319.92	.35188	.62595	.17058	2.6465

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18052	8.9544	.95099	.16763	F 2365.5	.26588	.28030
Stddev	.00025	.3382	.00571	.00197	75.4	.00138	.01849
%RSD	.13862	3.7774	.60053	1.1767	3.1895	.51948	6.5959

#1	.18070	8.7152	.94695	.16903	2418.8	.26490	.26722
#2	.18034	9.1936	.95503	.16624	2312.1	.26685	.29337

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	597.07	9.0374	.66533	F 5648.3	2.7891	F -1.4486	.18138
Stddev	28.01	.0468	.03318	10.9	.0870	.0019	.00148
%RSD	4.6919	.51770	4.9873	.19222	3.1187	.13237	.81418

#1	577.26	9.0043	.64187	5640.6	2.7276	-1.4500	.18243
#2	616.88	9.0705	.68880	5656.0	2.8506	-1.4473	.18034

Sample Name: J6256-01MS Acquired: 12/7/2018 16:26:08 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.3279	F 11.24	1.1324	11.302	.01685
Stddev	.1496	.08	.0272	.003	.04328
%RSD	11.266	.7084	2.4031	.02519	256.85

#1	1.2221	11.18	1.1132	11.304	.04746
#2	1.4337	11.29	1.1517	11.300	-.01375

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1142.7	16246.	2297.8	45.327	943.17
Stddev	.3	193.	49.6	2.588	.54
%RSD	.02742	1.1870	2.1593	5.7098	.05708

#1	1142.9	16109.	2332.9	47.157	942.79
#2	1142.5	16382.	2262.7	43.497	943.55

Sample Name: J6256-01MSD Acquired: 12/7/2018 16:30:08 Type: Unk
Method: P4-ICP2(v2639) 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	1.3279	1.6790	.90909	3.1946	1.3724	5.0791	.24672
Stddev	.0057	.0016	.00802	.0335	.0072	.0878	.00075
%RSD	.42717	.09641	.88236	1.0481	.52228	1.7297	.30382

#1	1.3239	1.6778	.90342	3.1709	1.3673	5.0170	.24619
#2	1.3319	1.6801	.91476	3.2183	1.3774	5.1413	.24725

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36648	.19122	313.46	.35153	.62419	.16950	2.5137
Stddev	.00008	.00189	2.95	.00162	.00311	.00002	.0153
%RSD	.02219	.98856	.94154	.45968	.49892	.01143	.60653

#1	.36642	.18989	311.38	.35038	.62199	.16951	2.5029
#2	.36654	.19256	315.55	.35267	.62640	.16949	2.5245

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18188	8.8781	.95243	.16888	F 1893.1	.26776	.26995
Stddev	.00173	.0587	.00490	.00183	74.4	.00146	.00600
%RSD	.95359	.66151	.51399	1.0857	3.9292	.54548	2.2239

#1	.18065	8.8365	.94897	.16758	1840.5	.26673	.26571
#2	.18310	8.9196	.95590	.17017	1945.7	.26879	.27420

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	594.86	9.0395	.66036	F 5616.2	2.7858	F -1.4392	.18508
Stddev	24.73	.0142	.00376	38.9	.0480	.0147	.00419
%RSD	4.1566	.15706	.56906	.69286	1.7220	1.0176	2.2645

#1	577.38	9.0496	.66302	5643.7	2.7519	-1.4496	.18211
#2	612.35	9.0295	.65771	5588.6	2.8197	-1.4289	.18804

Sample Name: J6256-01MSD Acquired: 12/7/2018 16:30:08 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.3170	F 11.24	1.1261	11.279	.46107
Stddev	.1060	.10	.0122	.005	.23628
%RSD	8.0475	.8818	1.0868	.04182	51.245

#1	1.2421	11.17	1.1175	11.282	.62814
#2	1.3919	11.31	1.1348	11.276	.29400

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1142.9	16166.	2290.5	46.536	942.30
Stddev	18.4	29.	8.6	.066	12.99
%RSD	1.6095	.17771	.37444	.14103	1.3786

#1	1129.9	16145.	2296.5	46.583	933.11
#2	1155.9	16186.	2284.4	46.490	951.49

Sample Name: J6256-01A Acquired: 12/7/2018 16:34:08 Type: Unk
Method: P4-ICP2(v2639) 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	1.3043	1.6433	.90073	3.1448	1.3457	4.9364	.24714
Stddev	.0202	.0116	.00879	.0159	.0016	.0151	.00044
%RSD	1.5508	.70797	.97603	.50442	.11792	.30607	.17860

#1	1.2900	1.6350	.89451	3.1335	1.3468	4.9471	.24745
#2	1.3186	1.6515	.90695	3.1560	1.3446	4.9257	.24683

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36024	.18853	314.97	.34485	.61590	.16777	2.5331
Stddev	.00156	.00203	5.99	.00197	.00672	.00161	.0792
%RSD	.43211	1.0773	1.9023	.57175	1.0905	.96170	3.1258

#1	.35914	.18709	310.73	.34625	.61115	.16663	2.4771
#2	.36134	.18996	319.21	.34346	.62065	.16891	2.5891

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17673	8.8833	.93550	.16411	1663.6	.26464	.27657
Stddev	.00030	.2768	.01177	.00024	155.4	.00122	.01337
%RSD	.16886	3.1158	1.2582	.14678	9.3397	.45976	4.8356

#1	.17694	8.6876	.92718	.16394	1773.5	.26378	.26711
#2	.17652	9.0790	.94382	.16428	1553.7	.26550	.28603

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	583.61	8.9242	.65106	F 5516.2	2.7729	F -1.4092	.18766
Stddev	18.39	.0771	.01725	43.0	.0797	.0112	.00278
%RSD	3.1502	.86386	2.6493	.77911	2.8734	.79535	1.4810

#1	570.61	8.8697	.63886	5485.8	2.7165	-1.4013	.18962
#2	596.61	8.9787	.66325	5546.6	2.8292	-1.4172	.18569

Sample Name: J6256-01A Acquired: 12/7/2018 16:34:08 Type: Unk
 Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.2848	F 11.03	1.1258	11.317	.06238
Stddev	.0700	.15	.0136	.012	.57829
%RSD	5.4473	1.341	1.2062	.10412	927.03

#1	1.2353	10.92	1.1162	11.326	-.34653
#2	1.3343	11.13	1.1354	11.309	.47129

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1154.9	16358.	2262.0	45.223	955.45
Stddev	2.9	78.	35.7	1.653	1.02
%RSD	.25444	.47834	1.5765	3.6560	.10638

#1	1152.8	16302.	2287.2	46.392	956.17
#2	1157.0	16413.	2236.8	44.054	954.74

Sample Name: J6135-01 Acquired: 12/7/2018 16:38:09 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 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	-.00918	.02049	.00508	-.00227	-.38967	.01562	.00009
Stddev	.00609	.00170	.00122	.00038	.00315	.04358	.00153	.00019
%RSD	1901.4	18.517	5.9777	7.5729	138.65	11.184	9.7730	198.34

#1	-.00462	-.00798	.02135	.00481	-.00450	-.42049	.01670	.00022
#2	.00398	-.01039	.01962	.00535	-.00004	-.35886	.01454	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00118	790.62	-.01325	-.00036	-.00034	-.16801	.00410	F 2499.6
Stddev	.00011	11.09	.00145	.00009	.00064	.00428	.00008	46.1
%RSD	9.5818	1.4028	10.930	24.972	187.24	2.5469	1.9069	1.8424

#1	-.00126	798.46	-.01427	-.00043	-.00080	-.17103	.00404	2532.2
#2	-.00110	782.78	-.01222	-.00030	.00011	-.16498	.00415	2467.1

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01554	.00087	F 2435.6	.00310	.03310	F 1184.2	.02288	8.9460
Stddev	.00153	.00079	147.4	.00054	.00006	14.1	.00010	.0276
%RSD	9.8278	91.046	6.0532	17.543	.17656	1.1909	.44516	.30885

#1	-.01446	.00143	2331.4	.00271	.03306	1194.2	.02295	8.9656
#2	-.01662	.00031	2539.9	.00348	.03315	1174.2	.02281	8.9265

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2132.8	.44670	-.80159	-.01606	.92094	.0812	F 16.984	9.7355
Stddev	13.6	.00830	.00502	.00136	.00326	.0012	.422	.1012
%RSD	.63808	1.8587	.62667	8.4889	.35382	1.450	2.4875	1.0394

#1	2142.4	.45257	-.80514	-.01510	.92324	.0820	17.283	9.6640
#2	2123.1	.44083	-.79804	-.01703	.91863	.0804	16.686	9.8071

Sample Name: J6135-01 Acquired: 12/7/2018 16:38:09 Type: Unk
 Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	6.7490
Stddev	.2160
%RSD	3.2007

#1	6.5962
#2	6.9017

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1791.6	25484.	2850.2	59.944	1602.6
Stddev	.5	425.	42.6	.041	2.7
%RSD	.02918	1.6688	1.4950	.06865	.17083

#1	1791.2	25784.	2820.0	59.915	1600.7
#2	1791.9	25183.	2880.3	59.973	1604.5

Sample Name: J6254-01 Acquired: 12/7/2018 16:42:29 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00152	.00024	.00271	.00128	-.00156	.02883	.01846	-.00000
Stddev	.00148	.00090	.00005	.00266	.00060	.00748	.00050	.00005
%RSD	97.025	372.50	1.8947	207.60	38.321	25.937	2.7140	14557.

#1	.00256	-.00039	.00275	-.00060	-.00198	.02354	.01811	.00004
#2	.00048	.00088	.00268	.00316	-.00113	.03412	.01882	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	27.875	-.00050	.00002	.00051	.03639	.00230	11.996
Stddev	.00004	.258	.00004	.00011	.00029	.00376	.00001	.138
%RSD	31.524	.92497	7.4120	517.74	57.195	10.335	.41163	1.1485

#1	-.00014	27.692	-.00047	.00010	.00072	.03905	.00229	11.898
#2	-.00009	28.057	-.00053	-.00006	.00031	.03373	.00231	12.093

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00144	-.00028	78.106	.00061	-.00016	4.9241	.00117	.04342
Stddev	.00039	.00058	.463	.00077	.00002	.0019	.00019	.00759
%RSD	26.681	206.68	.59318	125.95	10.496	.03844	16.305	17.479

#1	-.00117	-.00068	78.434	.00115	-.00015	4.9228	.00104	.03805
#2	-.00172	.00013	77.779	.00007	-.00018	4.9255	.00131	.04879

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.5513	2.9261	-.00634	.00568	-.00238	.0288	.16125	5.3868
Stddev	.0221	.0147	.00024	.00038	.00055	.0019	.00141	.0413
%RSD	.25885	.50326	3.7547	6.7555	23.003	6.671	.87407	.76716

#1	8.5356	2.9365	-.00617	.00541	-.00199	.0302	.16025	5.3575
#2	8.5669	2.9157	-.00650	.00595	-.00276	.0275	.16225	5.4160

Sample Name: J6254-01 Acquired: 12/7/2018 16:42:29 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .32658
Stddev .39585
%RSD 121.21

#1 .60648
#2 .04667

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3457.1	47520.	3981.0	96.288	3850.4
Stddev	13.2	11.	4.9	.448	12.4
%RSD	.38317	.02377	.12222	.46537	.32266

#1	3466.5	47512.	3984.4	96.605	3859.2
#2	3447.7	47528.	3977.6	95.971	3841.6

Sample Name: J6254-01DUP Acquired: 12/7/2018 16:46:32 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00053	-.00072	.00248	.00543	-.00243	.02337	.01870	.00007
Stddev	.00031	.00076	.00126	.00010	.00178	.00219	.00045	.00001
%RSD	58.753	104.55	50.684	1.8977	73.532	9.3538	2.3975	15.101

#1	-.00031	-.00019	.00336	.00551	-.00369	.02183	.01838	.00008
#2	-.00076	-.00126	.00159	.00536	-.00116	.02492	.01901	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	27.623	-.00019	.00009	.00037	.04621	.00270	11.983
Stddev	.00000	.032	.00018	.00005	.00079	.00608	.00045	.080
%RSD	1.8191	.11509	94.943	55.951	216.51	13.159	16.722	.67002

#1	-.00008	27.601	-.00006	.00005	.00093	.04191	.00302	12.039
#2	-.00009	27.646	-.00032	.00012	-.00019	.05052	.00238	11.926

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00107	-.00019	76.137	.00038	-.00017	4.3282	.00048	.03599
Stddev	.00010	.00137	.273	.00038	.00003	.0120	.00015	.01184
%RSD	8.9799	722.56	.35899	99.644	16.819	.27753	32.082	32.888

#1	-.00114	.00078	75.944	.00011	-.00020	4.3197	.00037	.02762
#2	-.00100	-.00116	76.331	.00065	-.00015	4.3367	.00059	.04436

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.9429	2.9775	-.00503	.00388	-.00417	.0285	.15916	6.2642
Stddev	.2145	.0733	.00038	.00285	.00152	.0014	.00024	1.2616
%RSD	2.6999	2.4634	7.5486	73.414	36.324	4.845	.15256	20.141

#1	8.0946	3.0294	-.00476	.00589	-.00310	.0295	.15899	7.1563
#2	7.7913	2.9256	-.00530	.00187	-.00524	.0276	.15933	5.3720

Sample Name: J6254-01DUP Acquired: 12/7/2018 16:46:32 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.1300
Stddev .9737
%RSD 86.173

#1 1.8185
#2 .44144

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3503.2	43047.	3968.4	94.740	3941.1
Stddev	60.4	6560.	10.0	1.221	71.0
%RSD	1.7254	15.239	.25181	1.2888	1.8028

#1	3460.5	38408.	3975.5	93.877	3890.8
#2	3546.0	47685.	3961.4	95.603	3991.3

Sample Name: J6254-01LX5 Acquired: 12/7/2018 16:50:34 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00033	-.00115	.00413	.00310	-.00010	.00914	.00271	-.00004
Stddev	.00172	.00002	.00049	.00118	.00023	.00982	.00012	.00001
%RSD	523.44	1.8728	11.731	38.024	223.80	107.50	4.3964	32.282

#1	-.00089	-.00117	.00379	.00393	.00006	.00219	.00262	-.00003
#2	.00154	-.00114	.00448	.00227	-.00027	.01608	.00279	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.09559	.00031	-.00009	-.00007	-.01570	-.00013	.01767
Stddev	.00001	.04510	.00029	.00017	.00021	.00355	.00006	.07631
%RSD	36.542	47.183	93.450	181.78	295.36	22.641	45.577	431.91

#1	-.00002	.06370	.00011	-.00021	.00008	-.01821	-.00018	-.03629
#2	-.00004	.12749	.00052	.00003	-.00021	-.01318	-.00009	.07163

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00109	-.00017	14.322	.00036	-.00018	1.5168	.00088	.00421
Stddev	.00020	.00018	.386	.00008	.00009	.0540	.00002	.00159
%RSD	18.735	111.15	2.6974	23.115	51.957	3.5572	2.5553	37.811

#1	-.00124	-.00004	14.048	.00030	-.00024	1.4787	.00090	.00308
#2	-.00095	-.00030	14.595	.00042	-.00011	1.5550	.00087	.00533

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2494	.07955	-.00258	.00727	-.00317	.0016	.00036	5.5705
Stddev	.4255	.03016	.00099	.00051	.00372	.0018	.00027	.0203
%RSD	18.919	37.911	38.238	6.9857	117.24	111.1	73.614	.36465

#1	1.9485	.05823	-.00189	.00691	-.00054	.0003	.00017	5.5849
#2	2.5503	.10088	-.00328	.00763	-.00580	.0028	.00055	5.5562

Sample Name: J6254-01LX5 Acquired: 12/7/2018 16:50:34 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .28125
%RSD 118.10

#1 -.43701
#2 -.03927

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3319.8	46454.	3673.3	86.624	3883.2
Stddev	8.0	8.	38.5	1.850	17.8
%RSD	.23979	.01630	1.0483	2.1359	.45829

#1	3314.2	46449.	3646.1	85.316	3895.7
#2	3325.4	46459.	3700.5	87.932	3870.6

Sample Name: J6254-01MS Acquired: 12/7/2018 16:54:40 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80263	1.7563	.90843	1.9455	.80969	2.0431	.21432	.19900
Stddev	.00783	.0240	.02026	.0229	.00095	.0167	.00154	.00019
%RSD	.97588	1.3673	2.2306	1.1770	.11762	.81788	.71974	.09628

#1	.79709	1.7393	.89411	1.9293	.80902	2.0313	.21323	.19913
#2	.80817	1.7733	.92276	1.9617	.81037	2.0549	.21541	.19886

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17613	28.890	.39214	.18482	.30394	2.7475	.19706	13.932
Stddev	.00429	.087	.00204	.00318	.00165	.0111	.00039	.057
%RSD	2.4330	.30149	.52012	1.7218	.54191	.40408	.19854	.40653

#1	.17310	28.828	.39069	.18257	.30278	2.7397	.19733	13.892
#2	.17917	28.951	.39358	.18707	.30511	2.7554	.19678	13.972

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44239	.07243	78.210	.27482	.20107	14.193	.42254	.31838
Stddev	.00916	.00093	.353	.00120	.00528	.050	.00002	.00802
%RSD	2.0708	1.2844	.45194	.43519	2.6268	.35461	.00444	2.5204

#1	.43592	.07177	78.460	.27567	.19734	14.229	.42253	.32405
#2	.44887	.07309	77.961	.27398	.20481	14.158	.42255	.31270

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.0759	3.8858	.64314	.20130	.19907	5.272	.36154	5.0847
Stddev	.1115	.0233	.01672	.00034	.00068	.149	.00028	.0441
%RSD	1.3805	.60039	2.5995	.16966	.34224	2.827	.07776	.86736

#1	7.9971	3.8693	.63132	.20106	.19859	5.167	.36174	5.0535
#2	8.1548	3.9023	.65496	.20155	.19955	5.378	.36134	5.1159

Sample Name: J6254-01MS Acquired: 12/7/2018 16:54:40 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.13883
%RSD	18.918

#1	-.63571
#2	-.83205

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3581.6	49232.	3910.6	93.736	3946.2
Stddev	57.7	144.	6.6	.266	14.1
%RSD	1.6098	.29206	.16776	.28409	.35824

#1	3540.8	49130.	3915.2	93.925	3936.2
#2	3622.4	49333.	3905.9	93.548	3956.2

Sample Name: J6254-01MSD Acquired: 12/7/2018 16:58:29 Type: Unk
Method: P4-ICP2(v2639) Mode: 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	.80111	1.7640	.91292	1.9514	.80822	1.9989	.21634	.19617	.17724
Stddev	.00352	.0011	.00232	.0007	.00232	.0119	.00072	.00012	.00069
%RSD	.43928	.06264	.25454	.03367	.28752	.59705	.33148	.06367	.39117

#1	.79863	1.7648	.91456	1.9519	.80658	2.0073	.21685	.19626	.17773
#2	.80360	1.7632	.91128	1.9510	.80987	1.9904	.21583	.19609	.17675

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.955	.38984	.18485	.30265	2.7414	.19740	13.919	.44356	.07046
Stddev	.057	.00091	.00013	.00017	.0710	.00009	.005	.00114	.00206
%RSD	.19774	.23457	.06803	.05706	2.5904	.04758	.03769	.25789	2.9212

#1	28.914	.38919	.18494	.30253	2.7916	.19734	13.916	.44437	.06901
#2	28.995	.39049	.18476	.30277	2.6912	.19747	13.923	.44275	.07192

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	76.982	.27235	.19696	13.878	.42018	.31222	7.9319	3.8789	.64785
Stddev	.016	.00022	.00054	.005	.00291	.00460	.0354	.0138	.00113
%RSD	.02041	.08223	.27219	.03281	.69348	1.4721	.44668	.35688	.17419

#1	76.971	.27251	.19734	13.881	.41812	.30897	7.9570	3.8887	.64865
#2	76.993	.27219	.19658	13.875	.42224	.31547	7.9069	3.8691	.64705

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20041	.18957	5.282	.35878	4.8233	.08537
Stddev	.00118	.00048	.021	.00270	.1528	.27068
%RSD	.58701	.25482	.3880	.75320	3.1685	317.06

#1	.20125	.18923	5.297	.35687	4.7152	.27678
#2	.19958	.18992	5.268	.36069	4.9314	-.10603

Sample Name: J6254-01MSD Acquired: 12/7/2018 16:58:29 Type: Unk
Method: P4-ICP2(v2639) 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	3637.0	50827.	4002.4	96.749	3981.6
Stddev	28.9	40.	8.6	1.010	50.2
%RSD	.79399	.07800	.21599	1.0440	1.2602
#1	3616.5	50855.	4008.5	96.035	3946.2
#2	3657.4	50799.	3996.3	97.463	4017.1

Sample Name: J6254-01A Acquired: 12/7/2018 17:02:19 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79072	1.7381	.89884	1.9211	.79235	1.9960	.21494	.19819
Stddev	.02537	.0505	.02918	.0809	.03147	.0008	.00122	.00031
%RSD	3.2082	2.9024	3.2467	4.2133	3.9711	.03868	.56573	.15854

#1	.77279	1.7025	.87821	1.8638	.77010	1.9954	.21580	.19797
#2	.80866	1.7738	.91948	1.9783	.81460	1.9965	.21408	.19842

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17453	28.786	.39235	.18201	.29684	2.7746	.19787	13.964
Stddev	.00640	.247	.00212	.00606	.01071	.0449	.00022	.024
%RSD	3.6665	.85903	.54076	3.3315	3.6084	1.6181	.11147	.17087

#1	.17000	28.612	.39085	.17772	.28927	2.8063	.19772	13.948
#2	.17905	28.961	.39385	.18630	.30442	2.7428	.19803	13.981

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43622	.07163	76.886	.27579	.20365	13.814	.41362	.31768
Stddev	.01355	.00048	.899	.00144	.00268	.074	.01632	.01272
%RSD	3.1067	.67152	1.1692	.52117	1.3174	.53792	3.9465	4.0036

#1	.42664	.07129	77.522	.27681	.20555	13.762	.40207	.30869
#2	.44580	.07198	76.250	.27477	.20176	13.867	.42516	.32668

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.6768	3.9460	.63712	.19628	.18948	5.180	.35593	4.6486
Stddev	.2760	.0484	.02279	.00060	.00215	.185	.00064	.0236
%RSD	3.5958	1.2270	3.5775	.30365	1.1373	3.564	.18004	.50716

#1	7.4816	3.9803	.62100	.19670	.18796	5.050	.35639	4.6653
#2	7.8719	3.9118	.65324	.19586	.19101	5.311	.35548	4.6319

Sample Name: J6254-01A Acquired: 12/7/2018 17:02:19 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .46698
%RSD 689.91

#1 .26252
#2 -.39789

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3714.9	50926.	3965.1	93.954	4077.9
Stddev	107.1	9.	24.3	1.942	103.8
%RSD	2.8838	.01680	.61227	2.0671	2.5458

#1	3790.7	50920.	3948.0	92.581	4151.3
#2	3639.2	50932.	3982.3	95.327	4004.5

Sample Name: CCV05 Acquired: 12/7/2018 17:06:08 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0160	4.6127	4.7912	4.7622	4.9890	9.9864	9.6788	.24129
Stddev	.0074	.0039	.0050	.0138	.0075	.0515	.0835	.00045
%RSD	.14771	.08346	.10483	.29036	.15060	.51541	.86304	.18798

#1	5.0212	4.6154	4.7877	4.7720	4.9944	10.023	9.6198	.24097
#2	5.0108	4.6100	4.7948	4.7525	4.9837	9.9500	9.7379	.24161

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3185	25.155	.97815	2.3759	1.2216	4.7486	2.4407	24.436
Stddev	.0020	.406	.00111	.0058	.0004	.0992	.0017	.092
%RSD	.08670	1.6130	.11312	.24473	.03136	2.0896	.07023	.37763

#1	2.3170	24.868	.97737	2.3718	1.2219	4.6785	2.4395	24.371
#2	2.3199	25.442	.97893	2.3800	1.2214	4.8188	2.4419	24.502

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2902	1.2767	F 28.851	2.2652	2.5292	25.007	5.1031	4.7725
Stddev	.0049	.0007	.623	.0046	.0447	.307	.0069	.0806
%RSD	.21427	.05181	2.1581	.20175	1.7675	1.2268	.13496	1.6885

#1	2.2868	1.2762	28.411	2.2620	2.4976	24.790	5.1079	4.7155
#2	2.2937	1.2772	29.292	2.2685	2.5608	25.224	5.0982	4.8295

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 5.5533	4.9356	4.7368	4.8133	4.8778	4.502	5.0565	5.4858
Stddev	.0146	.0545	.0130	.0195	.0568	.001	.0593	.0449
%RSD	.26268	1.1037	.27427	.40452	1.1655	.0210	1.1736	.81850

#1	5.5430	4.8971	4.7277	4.7995	4.8376	4.502	5.0145	5.4540
#2	5.5637	4.9741	4.7460	4.8270	4.9180	4.503	5.0985	5.5175

Sample Name: CCV05 Acquired: 12/7/2018 17:06:08 Type: Unk
 Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.8510
 Stddev .1264
 %RSD 4.4322

#1 2.9404
 #2 2.7617

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3437.2	47422.	3749.9	83.954	3598.5
Stddev	12.7	6.	34.4	1.278	1.4
%RSD	.36916	.01330	.91783	1.5218	.03936

#1	3428.2	47418.	3774.3	84.857	3597.5
#2	3446.2	47427.	3725.6	83.050	3599.5

Sample Name: CCB05 Acquired: 12/7/2018 17:09:53 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00217	.00000	.00225	-.00185	-.00000	-.00457	.00595	-.00006
Stddev	.00162	.00028	.00067	.00013	.00064	.00488	.00004	.00006
%RSD	74.765	55003.	29.563	7.1649	79678.	106.94	.70730	88.361

#1	.00102	.00020	.00178	-.00194	.00045	-.00802	.00598	-.00002
#2	.00332	-.00019	.00272	-.00175	-.00046	-.00111	.00592	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00445	-.00005	.00002	-.00023	.01267	-.00014	-.06562
Stddev	.00006	.00216	.00026	.00006	.00101	.00024	.00002	.01036
%RSD	97.392	48.675	509.59	305.25	441.59	1.8640	16.098	15.793

#1	-.00002	-.00598	.00013	.00006	-.00094	.01250	-.00012	-.05829
#2	-.00011	-.00292	-.00023	-.00002	.00048	.01284	-.00016	-.07294

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00122	-.00024	F 9.8467	-.00007	-.00038	.49932	.00085	.00280
Stddev	.00035	.00015	.4027	.00034	.00002	.05095	.00008	.00169
%RSD	28.786	64.028	4.0894	499.11	4.0909	10.203	9.8427	60.572

#1	-.00097	-.00013	9.5620	-.00031	-.00039	.53534	.00091	.00160
#2	-.00147	-.00034	10.131	.00017	-.00037	.46329	.00079	.00400

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .64152	.00870	-.00100	.00710	-.00157	-.0027	-.00012	F 4.8255
Stddev	.04248	.00007	.00075	.00116	.00280	.0002	.00001	.0333
%RSD	6.6214	.81398	74.388	16.308	178.31	7.414	10.115	.68968

#1	.67156	.00875	-.00048	.00628	.00041	-.0025	-.00011	4.8491
#2	.61148	.00865	-.00153	.00792	-.00355	-.0028	-.00013	4.8020

Sample Name: CCB05 Acquired: 12/7/2018 17:09:53 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .90373
Stddev .38985
%RSD 43.138

#1 .62806
#2 1.1794

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3607.0	49874.	3772.0	88.226	4131.4
Stddev	15.2	11.	2.4	.864	17.3
%RSD	.42151	.02169	.06311	.97927	.41798

#1	3596.2	49867.	3773.7	87.615	4119.2
#2	3617.7	49882.	3770.3	88.837	4143.6

Sample Name: J6214-37 Acquired: 12/7/2018 17:14:27 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TW-10 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	-.01293	.65673	.04699	-.00098	62.244	1.8458	.00166
Stddev	.00082	.00010	.00625	.00214	.00029	.254	.0089	.00001
%RSD	122.18	.76341	.95187	4.5552	29.333	.40793	.47980	.44232

#1	-.00126	-.01300	.65231	.04548	-.00077	62.064	1.8521	.00166
#2	-.00009	-.01286	.66115	.04850	-.00118	62.423	1.8395	.00165

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00165	408.20	.15334	.05076	.12506	92.969	2.4265	119.37
Stddev	.00017	1.57	.00064	.00072	.00053	.083	.0007	.05
%RSD	10.028	.38552	.41721	1.4138	.42499	.08931	.02796	.03897

#1	.00177	409.32	.15288	.05025	.12468	92.910	2.4270	119.34
#2	.00153	407.09	.15379	.05127	.12544	93.028	2.4260	119.40

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08842	.00139	508.95	.16704	.62073	94.625	.03727	.17475
Stddev	.00061	.00043	11.88	.00136	.00285	.280	.00055	.02106
%RSD	.68771	30.678	2.3343	.81163	.45962	.29560	1.4779	12.052

#1	.08799	.00169	517.35	.16608	.62275	94.822	.03766	.15985
#2	.08885	.00109	500.55	.16800	.61872	94.427	.03688	.18964

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 105.97	F 71.103	-.01363	5.9940	.06538	5.740	1.9565	6.0718
Stddev	.09	.658	.00038	.0199	.00032	.007	.0121	.0609
%RSD	.08903	.92489	2.7919	.33291	.49261	.1280	.62116	1.0024

#1	106.04	71.568	-.01336	6.0081	.06516	5.746	1.9651	6.1148
#2	105.91	70.638	-.01390	5.9799	.06561	5.735	1.9479	6.0287

Sample Name: J6214-37 Acquired: 12/7/2018 17:14:27 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TW-10 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.3162
Stddev .7343
%RSD 22.142

#1 3.8354
#2 2.7970

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3160.7	43164.	3681.0	79.753	2991.7
Stddev	19.2	27.	29.8	.552	10.4
%RSD	.60772	.06157	.80989	.69230	.34796

#1	3147.2	43183.	3659.9	79.363	2984.3
#2	3174.3	43145.	3702.1	80.144	2999.0

Sample Name: J6214-39 Acquired: 12/7/2018 17:18:26 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TW-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00255	-.00704	.00599	.00591	.00001	.12928	.43434	-.00008
Stddev	.00176	.00059	.00018	.00098	.00146	.02330	.00064	.00002
%RSD	69.093	8.3272	2.9538	16.516	20027.	18.019	.14658	25.051

#1	-.00130	-.00745	.00612	.00522	.00104	.11281	.43389	-.00007
#2	-.00379	-.00662	.00587	.00660	-.00102	.14575	.43479	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00028	226.13	.00222	.00041	.00667	4.7436	1.6124	53.560
Stddev	.00000	.15	.00008	.00039	.00010	.0123	.0007	.354
%RSD	.68997	.06549	3.4743	95.059	1.4855	.25979	.04482	.66048

#1	-.00028	226.02	.00217	.00068	.00674	4.7523	1.6129	53.309
#2	-.00028	226.23	.00227	.00013	.00660	4.7349	1.6118	53.810

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00272	-.00001	721.68	.00246	.03345	22.350	.00259	.12714
Stddev	.00021	.00036	14.08	.00070	.00006	.153	.00035	.00392
%RSD	7.8638	2723.5	1.9510	28.529	.16624	.68551	13.619	3.0815

#1	-.00287	.00024	731.63	.00296	.03349	22.458	.00284	.12991
#2	-.00256	-.00026	711.72	.00196	.03341	22.241	.00234	.12437

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 40.898	9.6051	-.01498	.00736	.01459	3.267	1.0977	6.6078
Stddev	.025	.0018	.00153	.00451	.00037	.002	.0030	.1074
%RSD	.06126	.01859	10.192	61.350	2.5256	.0718	.26927	1.6259

#1	40.916	9.6063	-.01390	.00417	.01485	3.266	1.0998	6.6838
#2	40.881	9.6038	-.01606	.01055	.01433	3.269	1.0956	6.5318

Sample Name: J6214-39 Acquired: 12/7/2018 17:18:26 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TW-2 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.3479
Stddev .0013
%RSD .02967

#1 4.3470
#2 4.3489

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3085.5	41688.	3569.5	82.234	3119.9
Stddev	28.9	296.	9.7	.543	14.9
%RSD	.93525	.71089	.27111	.65996	.47660

#1	3065.1	41478.	3562.6	81.850	3109.3
#2	3105.9	41897.	3576.3	82.618	3130.4

Sample Name: J6214-38 Acquired: 12/7/2018 17:22:31 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TW-10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00292	-.00574	.00399	.03297	-.00178	-.02233	.63621	-.00011
Stddev	.00272	.00027	.00057	.00070	.00342	.01834	.02074	.00004
%RSD	93.074	4.6353	14.183	2.1143	192.48	82.109	3.2593	37.799
#1	-.00485	-.00593	.00359	.03247	-.00420	-.00937	.62155	-.00014
#2	-.00100	-.00556	.00439	.03346	.00064	-.03530	.65088	-.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	345.35	-.00104	.00680	.01169	-.07094	1.0716	82.563
Stddev	.00001	10.09	.00017	.00012	.00048	.00583	.0042	2.618
%RSD	14.348	2.9223	15.989	1.8331	4.1135	8.2155	.39517	3.1710
#1	.00004	338.22	-.00116	.00671	.01203	-.07506	1.0746	80.712
#2	.00005	352.49	-.00092	.00689	.01135	-.06682	1.0686	84.415
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00626	.00072	476.90	.00199	.04445	65.070	.03300	.13286
Stddev	.00010	.00129	6.45	.00018	.00139	1.947	.00000	.01992
%RSD	1.5225	178.42	1.3518	8.8776	3.1161	2.9924	.00252	14.996
#1	.00619	-.00019	481.46	.00186	.04347	63.693	.03300	.11877
#2	.00633	.00163	472.34	.00211	.04543	66.447	.03300	.14695
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 102.80	9.9037	-.03823	-.00262	.01281	.0228	1.7690	6.4679
Stddev	.05	.1977	.00033	.00238	.00215	.0019	.0512	.0664
%RSD	.04836	1.9965	.85063	90.844	16.813	8.227	2.8917	1.0268
#1	102.84	9.7639	-.03800	-.00430	.01129	.0241	1.7328	6.5149
#2	102.77	10.044	-.03846	-.00094	.01433	.0215	1.8051	6.4209

Sample Name: J6214-38 Acquired: 12/7/2018 17:22:31 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TW-10 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.1655
Stddev	.0872
%RSD	2.0940

#1	4.1039
#2	4.2272

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3091.0	42533.	3635.0	81.966	3177.7
Stddev	6.6	221.	68.0	1.863	8.8
%RSD	.21341	.52065	1.8694	2.2729	.27778

#1	3086.3	42377.	3683.0	83.283	3171.4
#2	3095.6	42690.	3586.9	80.649	3183.9

Sample Name: J6214-40 Acquired: 12/7/2018 17:26:38 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TW-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00206	-.00795	.01719	.00552	.00001	2.2161	.53647	-.00009
Stddev	.00153	.00015	.00044	.00106	.00040	.0277	.00241	.00003
%RSD	74.410	1.9440	2.5437	19.152	7376.1	1.2482	.44903	31.286
#1	-.00098	-.00784	.01750	.00477	-.00028	2.2357	.53817	-.00011
#2	-.00314	-.00806	.01688	.00627	.00029	2.1965	.53477	-.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	206.38	-.00051	-.00004	.17019	2.0355	1.4570	49.346
Stddev	.00009	1.61	.00031	.00023	.00081	.0128	.0002	.010
%RSD	84.479	.78201	59.394	528.22	.47792	.62972	.01381	.01947
#1	.00004	205.24	-.00073	-.00021	.17076	2.0446	1.4569	49.352
#2	.00016	207.52	-.00030	.00012	.16961	2.0265	1.4572	49.339
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00053	.00071	677.54	.00261	.15683	21.002	.00270	.11278
Stddev	.00021	.00058	6.78	.00033	.00078	.076	.00013	.01374
%RSD	39.919	81.051	1.0012	12.548	.49954	.36397	4.7242	12.186
#1	-.00068	.00112	682.33	.00285	.15738	21.056	.00279	.12249
#2	-.00038	.00030	672.74	.00238	.15627	20.948	.00261	.10306
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 39.186	8.7683	-.01467	.00122	.01229	2.038	1.0026	6.3868
Stddev	.032	.0236	.00021	.00160	.00161	.001	.0043	.0003
%RSD	.08287	.26905	1.4355	131.70	13.086	.0644	.42575	.00496
#1	39.163	8.7516	-.01482	.00008	.01115	2.037	.99962	6.3870
#2	39.209	8.7849	-.01452	.00235	.01343	2.039	1.0057	6.3866

Sample Name: J6214-40 Acquired: 12/7/2018 17:26:38 Type: Unk
 Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TW-2 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.0225
Stddev	.9386
%RSD	23.332

#1	4.6862
#2	3.3589

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3121.6	42239.	3622.0	82.551	3160.1
Stddev	4.5	42.	7.7	.106	.0
%RSD	.14474	.09891	.21166	.12828	.00003

#1	3118.4	42210.	3627.5	82.626	3160.1
#2	3124.8	42269.	3616.6	82.476	3160.1

Sample Name: J6286-01 Acquired: 12/7/2018 17:30:40 Type: Unk
 Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7766 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	-.00305	.02775	.00745	.00404	.24974	.03668	-.00011
Stddev	.00242	.00003	.00091	.00150	.00015	.00550	.00073	.00010
%RSD	936.02	1.0891	3.2755	20.114	3.5937	2.2041	1.9897	89.086

#1	-.00197	-.00307	.02711	.00851	.00394	.25363	.03616	-.00004
#2	.00145	-.00302	.02839	.00639	.00415	.24585	.03719	-.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	30.376	.00551	.00009	.36333	.56587	.02197	7.4580
Stddev	.00007	.329	.00082	.00009	.00410	.01918	.00041	.1264
%RSD	36.491	1.0835	14.939	102.74	1.1298	3.3897	1.8582	1.6947

#1	.00024	30.608	.00609	.00002	.36043	.55231	.02226	7.3687
#2	.00014	30.143	.00493	.00015	.36623	.57943	.02168	7.5474

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00402	.00148	90.944	.00049	.18908	5.1897	.00117	.03697
Stddev	.00024	.00042	1.631	.00040	.00041	.0854	.00028	.01201
%RSD	6.0205	28.294	1.7934	81.522	.21711	1.6459	23.633	32.476

#1	.00419	.00119	92.098	.00078	.18879	5.2501	.00137	.04547
#2	.00385	.00178	89.791	.00021	.18937	5.1293	.00098	.02848

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3045	4.4756	-.00226	.01349	-.00071	1.471	.10945	5.2871
Stddev	.0343	.1117	.00004	.00346	.00218	.009	.00103	.0879
%RSD	.64697	2.4962	1.7112	25.646	308.84	.5879	.94029	1.6630

#1	5.2802	4.5546	-.00229	.01104	-.00225	1.465	.11018	5.2250
#2	5.3287	4.3966	-.00224	.01593	.00084	1.477	.10872	5.3493

Sample Name: J6286-01 Acquired: 12/7/2018 17:30:40 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7766 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.9872
Stddev .1611
%RSD 8.1064

#1 2.1011
#2 1.8733

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3413.2	47468.	3706.1	85.245	3729.0
Stddev	5.9	207.	56.9	.268	4.7
%RSD	.17157	.43708	1.5349	.31440	.12593

#1	3417.4	47322.	3665.8	85.056	3732.4
#2	3409.1	47615.	3746.3	85.435	3725.7

Sample Name: J6252-01 Acquired: 12/7/2018 17:34:40 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CPA-CPMW04D- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00221	-.00378	.00114	.00226	-.00078	.16226	.14121	-.00001
Stddev	.00130	.00013	.00101	.00073	.00170	.00507	.00047	.00007
%RSD	58.965	3.4943	89.197	32.183	219.00	3.1268	.33252	615.54
#1	-.00313	-.00388	.00186	.00175	.00043	.16585	.14088	-.00006
#2	-.00129	-.00369	.00042	.00278	-.00198	.15867	.14155	.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00056	13.063	.03380	-.00000	.01521	.01278	1.7646	9.3245
Stddev	.00001	.093	.00024	.00045	.00017	.00511	.0037	.1597
%RSD	1.1423	.71223	.71549	19569.	1.1382	40.011	.21270	1.7123
#1	.00055	13.129	.03363	-.00032	.01533	.00916	1.7619	9.4374
#2	.00056	12.997	.03397	.00032	.01509	.01639	1.7672	9.2116
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00492	.00043	47.920	.00039	.02214	10.450	.00043	.06334
Stddev	.00010	.00005	.155	.00006	.00001	.021	.00019	.01743
%RSD	2.0659	11.652	.32403	14.006	.04628	.19795	43.944	27.520
#1	.00485	.00047	48.030	.00036	.02215	10.464	.00030	.07566
#2	.00500	.00040	47.811	.00043	.02213	10.435	.00057	.05101
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 28.127	8.0482	-.01293	.00603	.00637	-.0020	.16304	5.1841
Stddev	.055	.0276	.00036	.00284	.00149	.0027	.00011	.0254
%RSD	.19644	.34307	2.7898	47.088	23.391	136.2	.06827	.49051
#1	28.166	8.0287	-.01267	.00402	.00743	-.0039	.16296	5.1662
#2	28.088	8.0677	-.01318	.00804	.00532	-.0001	.16312	5.2021

Sample Name: J6252-01 Acquired: 12/7/2018 17:34:40 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CPA-CPMW04D- Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.3720
Stddev .0193
%RSD 1.4054

#1 1.3584
#2 1.3856

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3500.1	48918.	3735.3	88.656	3889.6
Stddev	16.7	3.	3.3	.616	4.9
%RSD	.47619	.00680	.08917	.69514	.12521

#1	3488.3	48920.	3733.0	88.220	3886.1
#2	3511.9	48915.	3737.7	89.092	3893.0

Sample Name: J6252-02 Acquired: 12/7/2018 17:38:40 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CPA-CPMW04S- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00068	-.00304	.00747	.00510	.00785	1.1358	.03251	.00003
Stddev	.00129	.00078	.00048	.00374	.00083	.0274	.00098	.00003
%RSD	190.31	25.799	6.4414	73.315	10.623	2.4142	3.0281	77.954

#1	-.00159	-.00248	.00781	.00775	.00844	1.1164	.03181	.00002
#2	.00023	-.00359	.00713	.00246	.00726	1.1552	.03321	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	29.804	.00267	.00046	.01648	1.3098	.01520	2.7221
Stddev	.00005	.344	.00025	.00018	.00068	.0400	.00032	.1103
%RSD	25.636	1.1532	9.2114	39.044	4.1416	3.0545	2.1254	4.0532

#1	-.00017	29.561	.00249	.00059	.01696	1.2815	.01542	2.6441
#2	-.00025	30.047	.00284	.00034	.01600	1.3381	.01497	2.8001

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00075	.00019	6.8018	.00406	.01318	3.6445	.00164	.03893
Stddev	.00015	.00003	.2637	.00021	.00002	.0077	.00036	.00231
%RSD	19.818	15.653	3.8768	5.1503	.16396	.21217	22.056	5.9333

#1	.00064	.00016	6.6153	.00420	.01316	3.6390	.00190	.04056
#2	.00085	.00021	6.9883	.00391	.01319	3.6500	.00139	.03730

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2644	6.7840	-.00486	.03061	-.00047	.1433	.20783	4.7470
Stddev	.0173	.0116	.00092	.00047	.00056	.0001	.00123	.0447
%RSD	.40629	.17130	19.004	1.5364	120.67	.0647	.59021	.94243

#1	4.2767	6.7758	-.00552	.03028	-.00086	.1434	.20696	4.7153
#2	4.2522	6.7922	-.00421	.03094	-.00007	.1433	.20869	4.7786

Sample Name: J6252-02 Acquired: 12/7/2018 17:38:40 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CPA-CPMW04S- Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.6449
Stddev .4725
%RSD 28.727

#1 1.9790
#2 1.3108

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3579.7	50341.	3810.0	88.542	4022.0
Stddev	1.9	280.	7.7	.106	4.0
%RSD	.05293	.55681	.20120	.11979	.09832

#1	3578.4	50143.	3804.6	88.467	4024.8
#2	3581.1	50539.	3815.4	88.617	4019.2

Sample Name: J6252-03 Acquired: 12/7/2018 17:42:41 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J6252-02MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00156	-.00192	.00889	.00629	.00992	1.2781	.03674	-.00003
Stddev	.00242	.00113	.00078	.00178	.00085	.0373	.00089	.00004
%RSD	155.13	59.065	8.7919	28.380	8.5797	2.9205	2.4253	130.17

#1	-.00327	-.00112	.00834	.00755	.00932	1.2517	.03611	-.00000
#2	.00015	-.00272	.00945	.00503	.01053	1.3045	.03737	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	34.178	.00351	.00059	.01496	1.3497	.01647	3.0989
Stddev	.00005	.198	.00023	.00003	.00046	.0235	.00009	.0420
%RSD	72.333	.57823	6.5888	4.3875	3.0639	1.7415	.53980	1.3552

#1	-.00004	34.318	.00367	.00061	.01528	1.3663	.01653	3.0692
#2	-.00011	34.038	.00334	.00057	.01463	1.3330	.01640	3.1286

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00088	-.00017	6.9955	.00417	.01527	4.0936	.00202	.05453
Stddev	.00018	.00057	.2102	.00045	.00029	.0497	.00011	.00419
%RSD	20.038	334.71	3.0045	10.732	1.9012	1.2137	5.4882	7.6833

#1	.00100	.00023	6.8469	.00385	.01548	4.0585	.00210	.05750
#2	.00075	-.00057	7.1442	.00449	.01507	4.1287	.00194	.05157

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7997	7.7234	-.00412	.03729	.00083	.1639	.23681	4.6374
Stddev	.0125	.0046	.00061	.00081	.00194	.0016	.00067	.0667
%RSD	.26116	.05991	14.883	2.1679	232.52	.9926	.28417	1.4376

#1	4.7908	7.7201	-.00369	.03672	.00220	.1650	.23728	4.5902
#2	4.8086	7.7267	-.00456	.03786	-.00054	.1627	.23633	4.6845

Sample Name: J6252-03 Acquired: 12/7/2018 17:42:41 Type: Unk
 Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: J6252-02MS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.1477
Stddev	.0891
%RSD	7.7666

#1	1.2107
#2	1.0847

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3564.9	50369.	3786.4	87.792	3991.3
Stddev	1.4	27.	25.9	2.168	11.9
%RSD	.03851	.05385	.68502	2.4700	.29804

#1	3563.9	50350.	3768.1	86.258	3982.9
#2	3565.9	50388.	3804.8	89.325	3999.7

Sample Name: J6252-04 Acquired: 12/7/2018 17:46:43 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J6252-02MSD 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	-.00308	.01073	.00708	.01020	1.3336	.03950	.00004
Stddev	.00040	.00145	.00143	.00133	.00046	.0094	.00090	.00007
%RSD	22.590	47.236	13.361	18.848	4.4836	.70336	2.2773	166.19

#1	.00205	-.00205	.00972	.00802	.00987	1.3402	.03886	-.00001
#2	.00148	-.00411	.01175	.00613	.01052	1.3269	.04014	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	36.388	.00302	.00054	.00997	1.4533	.01722	3.2695
Stddev	.00003	.215	.00006	.00018	.00010	.0221	.00008	.0453
%RSD	387.48	.59072	2.0760	33.513	1.0285	1.5198	.46626	1.3847

#1	-.00003	36.236	.00307	.00041	.01004	1.4377	.01716	3.2375
#2	.00002	36.540	.00298	.00066	.00990	1.4690	.01727	3.3015

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00057	.00009	6.9529	.00434	.01407	4.2441	.00222	.04252
Stddev	.00006	.00044	.2878	.00017	.00033	.0325	.00006	.00516
%RSD	10.947	487.42	4.1389	4.0164	2.3410	.76574	2.7862	12.125

#1	.00062	-.00022	6.7494	.00422	.01383	4.2212	.00226	.04617
#2	.00053	.00040	7.1564	.00446	.01430	4.2671	.00218	.03887

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9146	8.0896	-.00451	.04029	-.00017	.1705	.25265	4.7175
Stddev	.0138	.0969	.00008	.00020	.00013	.0010	.00056	.0332
%RSD	.28011	1.1977	1.7042	.50762	73.251	.6086	.22212	.70403

#1	4.9243	8.0211	-.00445	.04015	-.00008	.1713	.25225	4.7410
#2	4.9049	8.1581	-.00456	.04044	-.00026	.1698	.25304	4.6940

Sample Name: J6252-04 Acquired: 12/7/2018 17:46:43 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J6252-02MSD Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.4676
Stddev .2221
%RSD 15.136

#1 1.3106
#2 1.6247

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3554.1	50102.	3788.9	88.023	3971.8
Stddev	5.4	40.	47.9	1.676	5.9
%RSD	.15309	.08033	1.2634	1.9041	.14841

#1	3550.3	50130.	3822.7	89.208	3967.7
#2	3558.0	50074.	3755.1	86.838	3976.0

Sample Name: J6252-12 Acquired: 12/7/2018 17:50:45 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CPA-RB1-M16W 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	-.00178	.00087	.00187	-.00032	-.00277	.00518	-.00013
Stddev	.00214	.00003	.00093	.00239	.00100	.01685	.00040	.00009
%RSD	66.257	1.4515	106.15	127.95	316.36	607.68	7.6659	64.546

#1	-.00171	-.00176	.00022	.00018	-.00102	-.01469	.00490	-.00007
#2	-.00474	-.00180	.00153	.00356	.00039	.00914	.00547	-.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.02789	.00040	-.00006	-.00062	.00325	.00034	-.00768
Stddev	.00004	.00284	.00007	.00001	.00011	.00199	.00003	.02262
%RSD	139.71	10.186	17.632	19.224	18.414	61.196	7.6580	294.66

#1	-.00005	.02990	.00045	-.00006	-.00070	.00466	.00032	-.02367
#2	-.00000	.02589	.00035	-.00005	-.00054	.00184	.00035	.00832

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00046	-.00029	4.4688	.00029	.00244	.06904	.00055	.00462
Stddev	.00017	.00006	.2938	.00053	.00010	.04562	.00043	.02242
%RSD	36.068	20.896	6.5741	187.36	4.2611	66.073	77.933	485.70

#1	-.00058	-.00033	4.2610	-.00009	.00251	.03678	.00085	.02047
#2	-.00034	-.00025	4.6765	.00066	.00237	.10130	.00025	-.01124

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07700	.01892	-.00255	.00628	-.00402	-.0032	-.00019	4.4421
Stddev	.00188	.00143	.00012	.00206	.00169	.0010	.00006	.0033
%RSD	2.4401	7.5624	4.8874	32.883	41.920	31.16	29.590	.07378

#1	.07567	.01994	-.00246	.00482	-.00521	-.0039	-.00015	4.4444
#2	.07833	.01791	-.00264	.00774	-.00283	-.0025	-.00023	4.4398

Sample Name: J6252-12 Acquired: 12/7/2018 17:50:45 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CPA-RB1-M16W Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.29302
Stddev	.40318
%RSD	137.60

#1	.57811
#2	.00792

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3638.4	51573.	3815.5	87.446	4164.1
Stddev	6.1	180.	2.5	.430	1.8
%RSD	.16818	.34984	.06495	.49191	.04219

#1	3634.1	51445.	3817.2	87.750	4165.3
#2	3642.7	51700.	3813.7	87.142	4162.8

Sample Name: CCV06 Acquired: 12/7/2018 17:54:51 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0115	4.6177	4.8130	4.7183	4.9694	9.8863	9.7782	.24131
Stddev	.0046	.0056	.0139	.0063	.0003	.1331	.0008	.00377
%RSD	.09127	.12108	.28806	.13433	.00540	1.3464	.00868	1.5607
#1	5.0082	4.6217	4.8032	4.7227	4.9692	9.9805	9.7788	.24398
#2	5.0147	4.6138	4.8228	4.7138	4.9696	9.7922	9.7776	.23865
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3263	25.562	.98260	2.3812	1.2172	4.7123	2.4484	24.585
Stddev	.0054	.083	.01145	.0046	.0036	.1785	.0415	.033
%RSD	.23034	.32507	1.1657	.19267	.29359	3.7888	1.6933	.13448
#1	2.3225	25.620	.99070	2.3779	1.2147	4.5861	2.4778	24.608
#2	2.3301	25.503	.97450	2.3844	1.2197	4.8386	2.4191	24.562
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2908	1.2790	26.086	2.2698	2.5259	24.722	5.0921	4.7377
Stddev	.0026	.0142	.453	.0385	.0577	.011	.0024	.0077
%RSD	.11507	1.1129	1.7380	1.6973	2.2840	.04437	.04719	.16275
#1	2.2889	1.2891	25.765	2.2970	2.4851	24.714	5.0904	4.7323
#2	2.2926	1.2690	26.407	2.2425	2.5667	24.730	5.0938	4.7432
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7570	5.0561	4.7722	4.8286	4.9121	4.505	5.1175	5.2398
Stddev	.0034	.0149	.0099	.0016	.0026	.006	.0002	.0699
%RSD	.07114	.29467	.20791	.03299	.05230	.1291	.00403	1.3339
#1	4.7546	5.0666	4.7652	4.8298	4.9139	4.509	5.1174	5.2892
#2	4.7594	5.0455	4.7792	4.8275	4.9103	4.501	5.1177	5.1903

Sample Name: CCV06 Acquired: 12/7/2018 17:54:51 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.7662
Stddev .1479
%RSD 5.3473

#1 2.8707
#2 2.6616

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3539.3	48840.	3810.4	86.366	3690.2
Stddev	8.8	783.	27.3	1.633	7.2
%RSD	.24848	1.6036	.71711	1.8911	.19456

#1	3533.1	48287.	3791.1	87.521	3685.2
#2	3545.5	49394.	3829.7	85.211	3695.3

Sample Name: CCB06 Acquired: 12/7/2018 17:58:37 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00171	.00031	.00192	-.00078	.00008	.00544	.00697	-.00002
Stddev	.00183	.00126	.00022	.00394	.00185	.00971	.00077	.00004
%RSD	106.96	413.44	11.427	507.47	2196.9	178.56	11.037	201.41

#1	.00042	-.00059	.00208	.00201	.00139	.01231	.00751	-.00005
#2	.00301	.00120	.00177	-.00356	-.00122	-.00143	.00642	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00404	-.00010	.00004	-.00034	.00389	-.00016	-.02708
Stddev	.00005	.01316	.00008	.00013	.00046	.00657	.00004	.04255
%RSD	207.74	326.18	84.940	318.53	136.00	168.77	25.460	157.12

#1	-.00001	-.00527	-.00016	.00014	-.00067	-.00075	-.00013	.00301
#2	.00006	.01335	-.00004	-.00005	-.00001	.00854	-.00019	-.05717

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00100	.00021	F 4.6947	-.00021	-.00053	.04714	.00030	.01404
Stddev	.00008	.00029	.1833	.00050	.00003	.01385	.00001	.00905
%RSD	8.2601	138.49	3.9042	244.44	5.5580	29.374	4.0303	64.440

#1	-.00105	.00041	4.5651	.00015	-.00055	.05693	.00031	.00764
#2	-.00094	.00000	4.8243	-.00056	-.00051	.03735	.00029	.02044

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .07054	.00951	-.00034	.00710	-.00334	-.0031	-.00006	F 4.5554
Stddev	.00223	.00020	.00011	.00260	.00124	.0008	.00004	.1039
%RSD	3.1602	2.0673	33.716	36.621	37.089	25.60	78.684	2.2805

#1	.06897	.00937	-.00026	.00894	-.00422	-.0026	-.00009	4.6289
#2	.07212	.00964	-.00042	.00526	-.00247	-.0037	-.00003	4.4819

Sample Name: CCB06 Acquired: 12/7/2018 17:58:37 Type: Unk
Method: P4-ICP2(v2639) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.1418
Stddev .5273
%RSD 46.181

#1 .76892
#2 1.5146

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3672.2	51157.	3812.3	89.350	4203.7
Stddev	3.9	207.	6.6	.554	1.5
%RSD	.10518	.40499	.17292	.61992	.03568

#1	3675.0	51010.	3807.7	89.742	4204.8
#2	3669.5	51303.	3817.0	88.958	4202.6