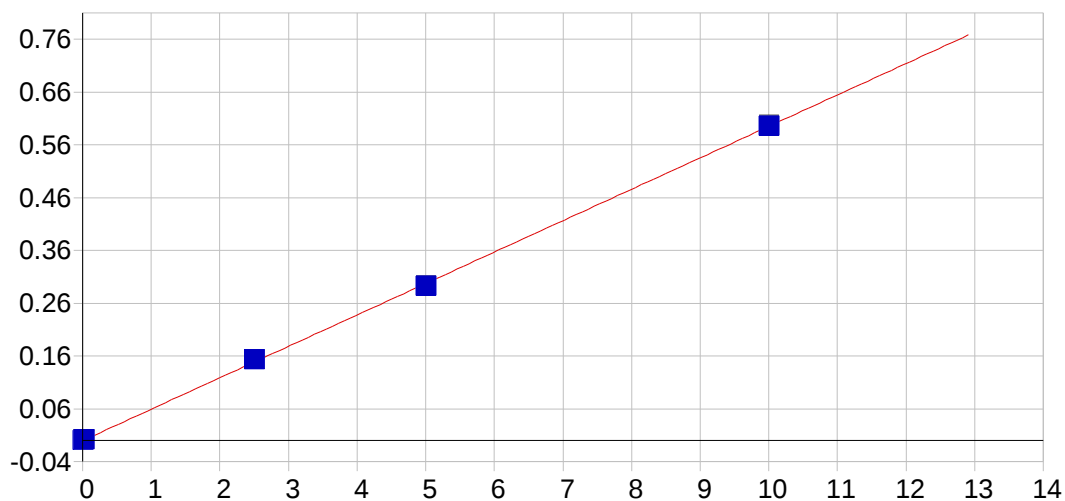


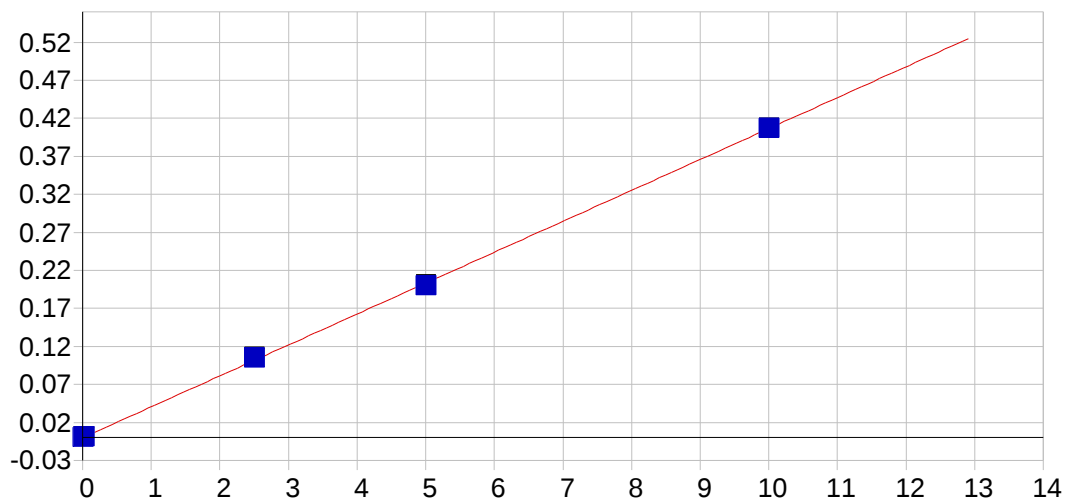


As 189.042 {478}

Date of Fit: 5/15/2019 14:01:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000362 Re-Slope: 1.000000
 A1 (Gain): 0.059532 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999883 Status: OK.
 Std Error of Est: 0.000022
 Predicted MDL: 0.002735
 Predicted MQL: 0.009118

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00036	.000	1
S1	.02000	.01855	-.001	-7.23	.00074	.000	1
S3	2.5000	2.5763	.076	3.05	.15300	.000	1
S4	5.0000	4.9089	-.091	-1.82	.29185	.000	1
S5	10.000	10.016	.016	.163	.59589	.001	1



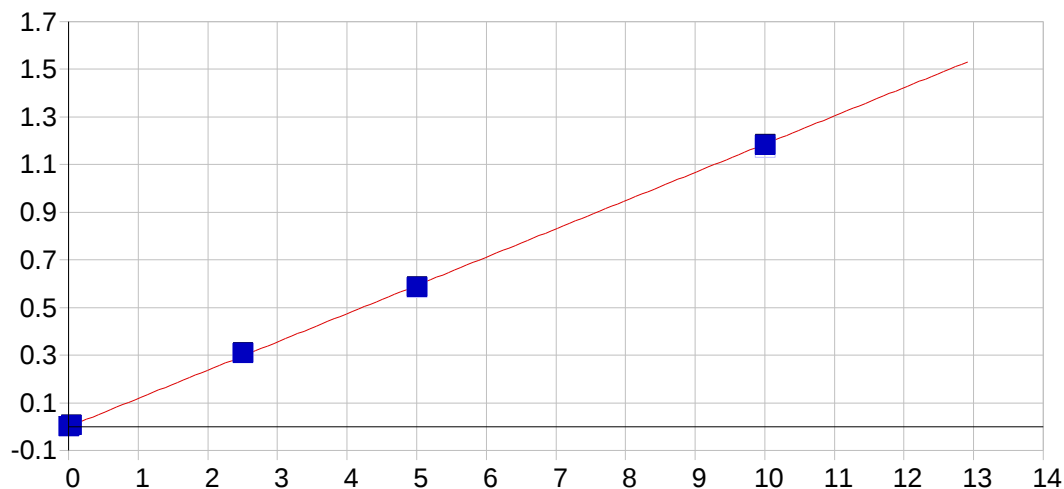
As 189.042 {479}

Date of Fit: 5/15/2019 14:01:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000074 Re-Slope: 1.000000

A1 (Gain): 0.040655 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999875 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.002535
 Predicted MQL: 0.008450

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00007	.000	1
S1	.02000	.02130	.001	6.51	.00079	.000	1
S3	2.5000	2.5817	.082	3.27	.10489	.000	1
S4	5.0000	4.9103	-.090	-1.79	.19956	.001	1
S5	10.000	10.007	.007	.067	.40676	.000	1

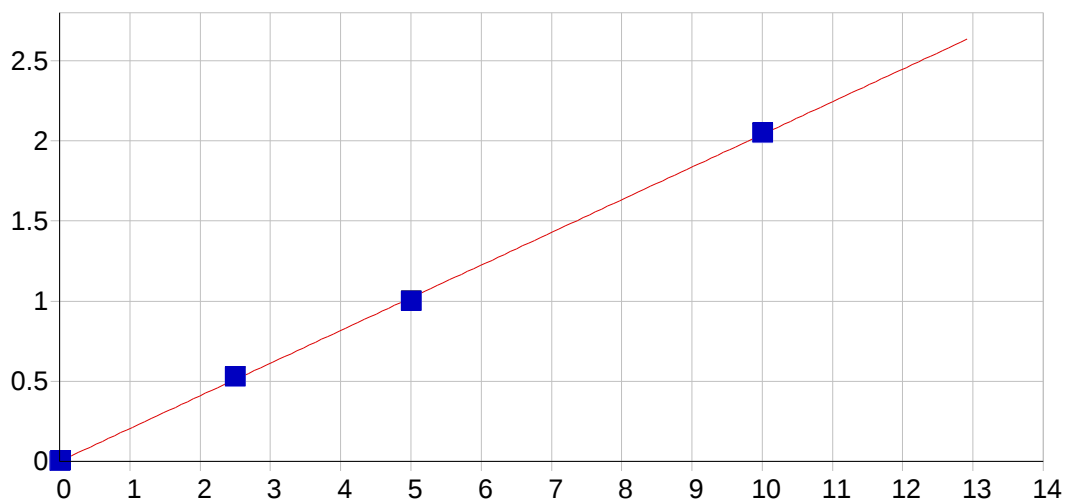


TI 190.856 {477}

Date of Fit: 5/15/2019 14:01:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000088 Re-Slope: 1.000000
 A1 (Gain): 0.118604 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999847 Status: OK.
 Std Error of Est: 0.000070
 Predicted MDL: 0.001141
 Predicted MQL: 0.003803

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00009	.000	1
S1	.04000	.04113	.001	2.82	.00467	.000	1
S3	2.5000	2.6024	.102	4.10	.30553	.001	1
S4	5.0000	4.9337	-.066	-1.33	.57899	.001	1
S5	10.000	9.9628	-.037	-.372	1.1694	.001	1

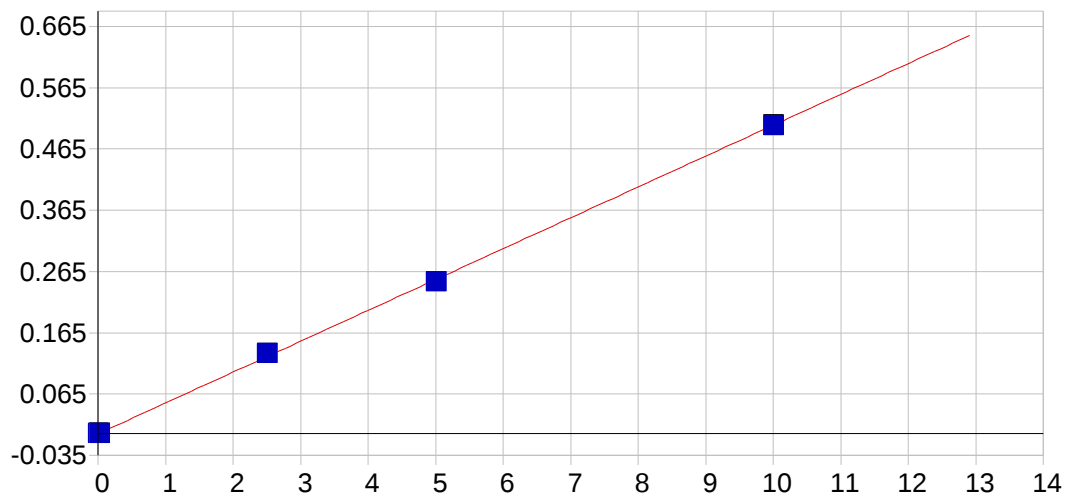


Pb 220.353 {453}

Date of Fit: 5/15/2019 14:01:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001339 Re-Slope: 1.000000
 A1 (Gain): 0.203924 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999874 Status: OK.
 Std Error of Est: 0.000061
 Predicted MDL: 0.000991
 Predicted MQL: 0.003303

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00134	.000	1
S1	.01200	.01168	-.000	-2.64	.00367	.000	1
S3	2.5000	2.5719	.072	2.87	.52501	.001	1
S4	5.0000	4.8947	-.105	-2.11	.99789	.001	1
S5	10.000	10.034	.034	.338	2.0443	.002	1



Se 196.090 {472}

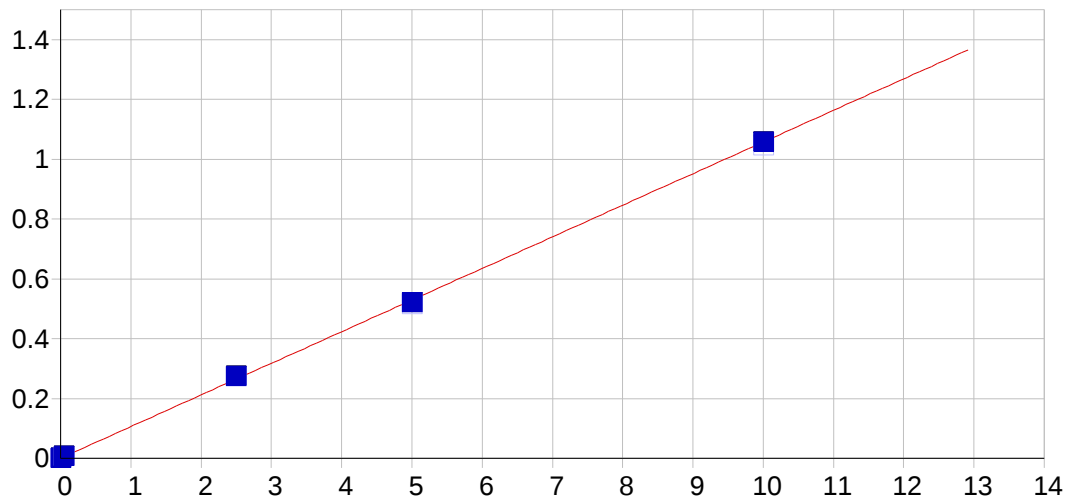
Date of Fit: 5/15/2019 14:01:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000064 Re-Slope: 1.000000
 A1 (Gain): 0.050368 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999863
 Std Error of Est: 0.000020
 Predicted MDL: 0.002861
 Predicted MQL: 0.009536

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00006	.000	1
S1	.02000	.01889	-.001	-5.55	.00102	.000	1
S3	2.5000	2.5924	.092	3.70	.13061	.000	1
S4	5.0000	4.9193	-.081	-1.61	.24778	.001	1
S5	10.000	9.9894	-.011	-.106	.50310	.001	1



Sb 206.833 {463}

Date of Fit: 5/15/2019 14:01:21

Type of Fit: Linear

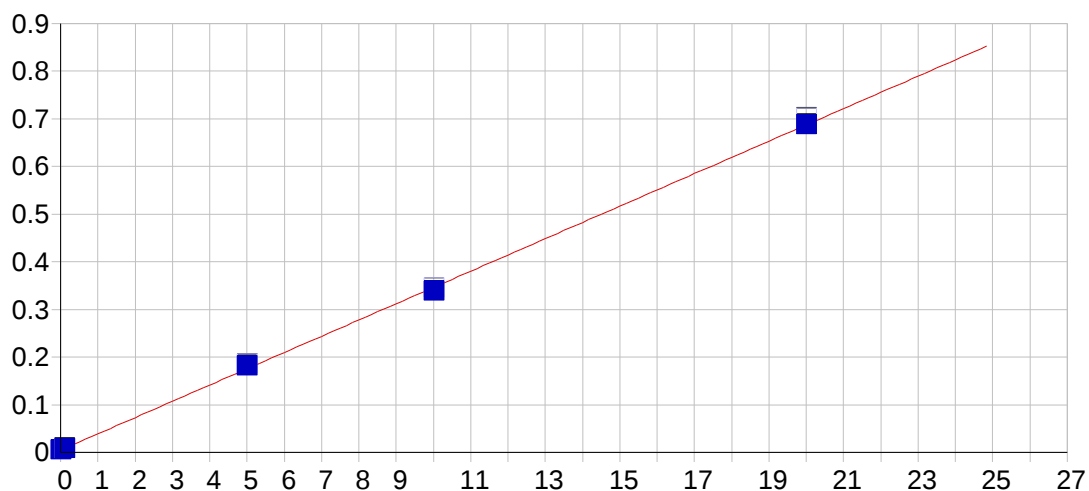
Weighting: 1/Conc

A0 (Offset): 0.000469
 A1 (Gain): 0.105704
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999865
 Std Error of Est: 0.000066
 Predicted MDL: 0.001749
 Predicted MQL: 0.005830

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	.00047	.000	1
S1	.05000	.04864	-.001	-2.72	.00548	.000	1
S3	2.5000	2.5909	.091	3.63	.27136	.000	1
S4	5.0000	4.9196	-.080	-1.61	.51455	.000	1
S5	10.000	9.9909	-.009	-.091	1.0447	.002	1

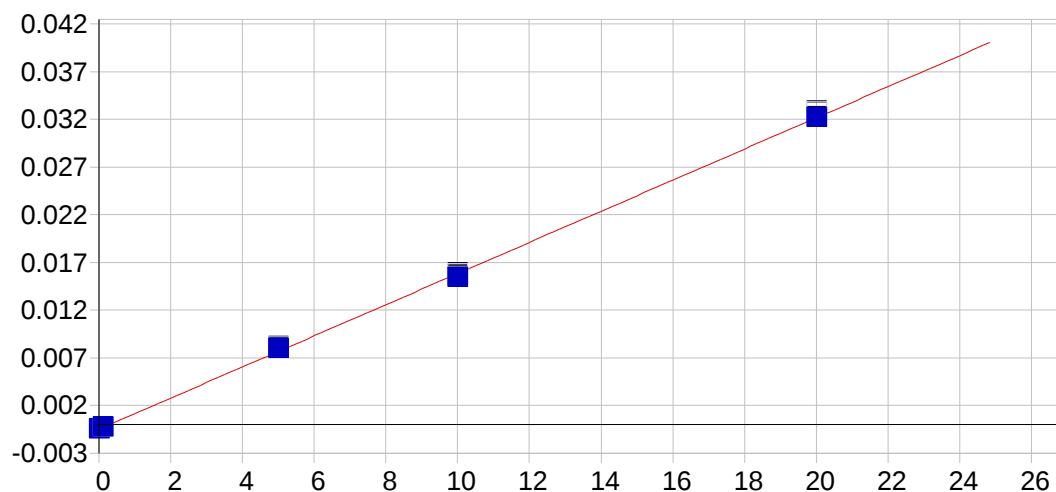


AI 308.215 {109}

Date of Fit: 5/15/2019 14:01:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004841 Re-Slope: 1.000000
 A1 (Gain): 0.034129 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999835 Status: OK.
 Std Error of Est: 0.000048
 Predicted MDL: 0.002761
 Predicted MQL: 0.009204

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00484	.000	1
S1	.10000	.10538	.005	5.38	.00867	.000	1
S3	5.0000	5.1872	.187	3.74	.18527	.001	1
S4	10.000	9.7822	-.218	-2.18	.34549	.000	1
S5	20.000	20.025	.025	.125	.70185	.001	1



AI 309.271 {109}

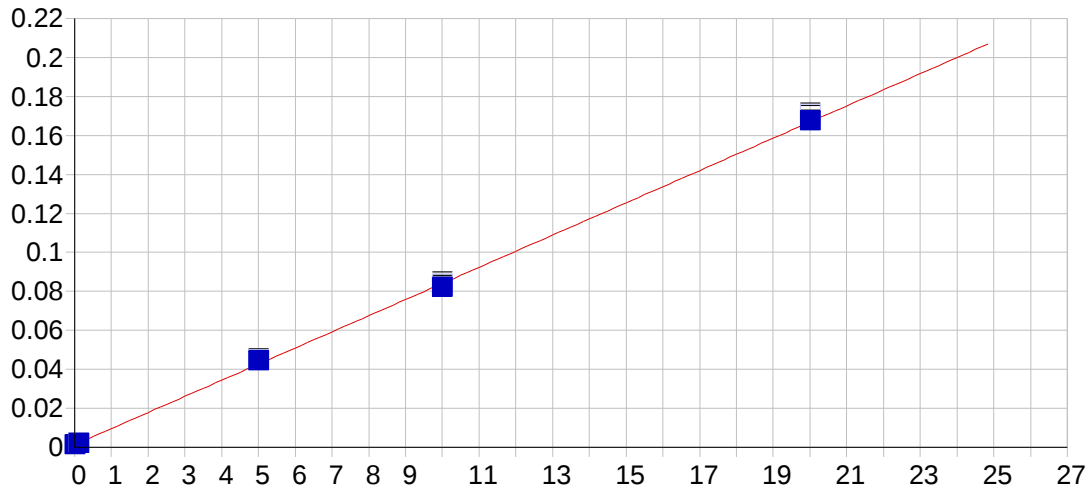
Date of Fit: 5/15/2019 14:01:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000479 Re-Slope: 1.000000
 A1 (Gain): 0.001633 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999763
 Std Error of Est: 0.000003
 Predicted MDL: 0.034910
 Predicted MQL: 0.116367

Status: OK.

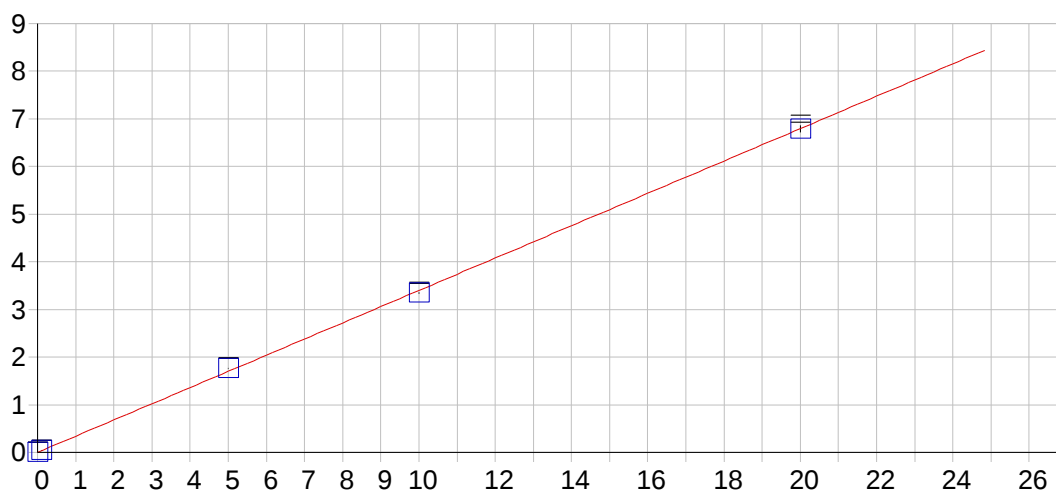
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00048	.000	1
S1	.10000	.12289	.023	22.9	-.00027	.000	1
S3	5.0000	5.1848	.185	3.70	.00815	.000	1
S4	10.000	9.7711	-.229	-2.29	.01580	.000	1
S5	20.000	20.020	.020	.101	.03286	.000	1



Date of Fit: 5/15/2019 14:01:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001318 Re-Slope: 1.000000
 A1 (Gain): 0.008276 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999818 Status: OK.
 Std Error of Est: 0.000012
 Predicted MDL: 0.012255
 Predicted MQL: 0.040851

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00132	.000	1
S1	.10000	.09432	-.006	-5.68	.00216	.000	1
S3	5.0000	5.1888	.189	3.78	.04509	.000	1
S4	10.000	9.7612	-.239	-2.39	.08375	.001	1
S5	20.000	20.056	.056	.280	.17060	.001	1

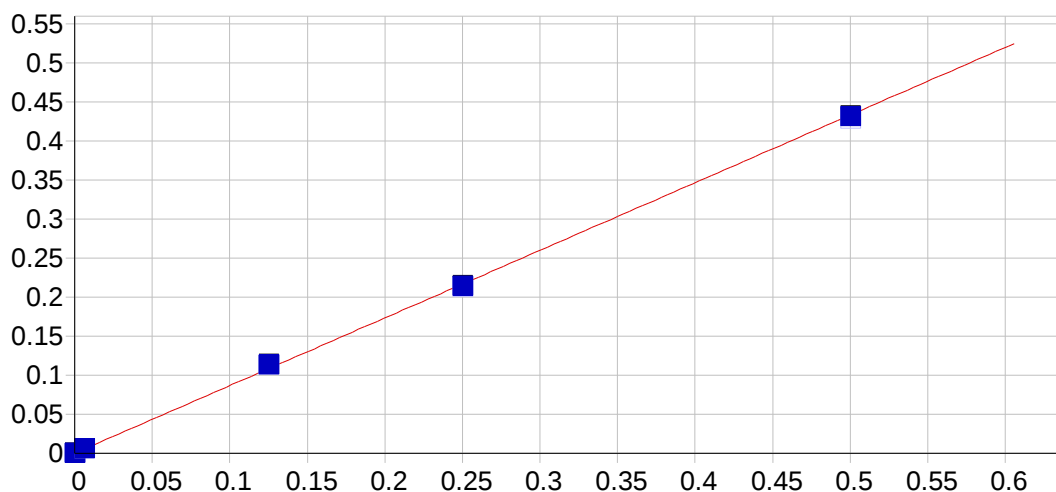


Ba 493.409 { 68}

Date of Fit: 5/15/2019 14:01:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000985 Re-Slope: 1.000000
 A1 (Gain): 0.339753 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999868 Status: OK.
 Std Error of Est: 0.000421
 Predicted MDL: 0.000562
 Predicted MQL: 0.001872

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00098	.000	1
S1	.10000	.09925	-.001	-.750	.03471	.000	1
S3	5.0000	5.1822	.182	3.64	1.7617	.006	1
S5	20.000	19.979	-.021	-.105	6.7889	.072	1
S4	10.000	9.8395	-.160	-1.60	3.3440	.009	1



Be 234.861 {144}

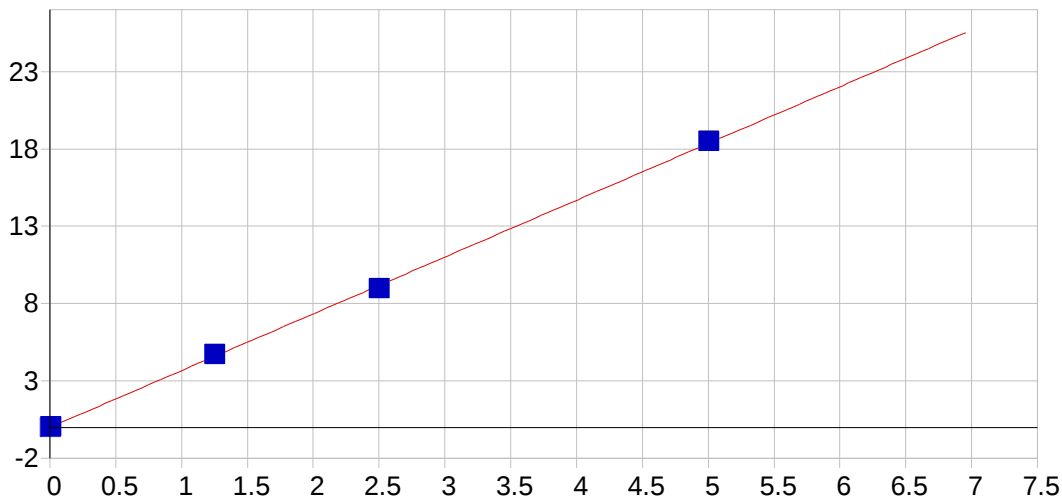
Date of Fit: 5/15/2019 14:01:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000107 Re-Slope: 1.000000
 A1 (Gain): 0.866443 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999808
 Std Error of Est: 0.000050
 Predicted MDL: 0.000070
 Predicted MQL: 0.000232

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00011	.000	1
S1	.00600	.00619	.000	3.09	.00541	.000	1
S3	.12500	.13081	.006	4.65	.11277	.000	1
S4	.25000	.24666	-.003	-1.34	.21246	.001	1
S5	.50000	.49734	-.003	-.532	.42830	.001	1



Cd 226.502 {449}

Date of Fit: 5/15/2019 14:01:21

Type of Fit: Linear

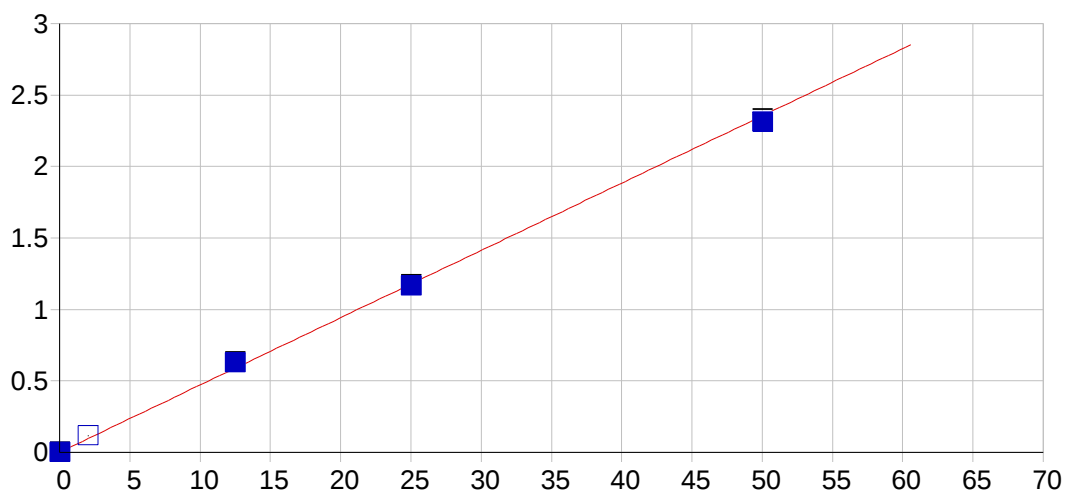
Weighting: 1/Conc

A0 (Offset): -0.001694
 A1 (Gain): 3.670313
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999886
 Std Error of Est: 0.000519
 Predicted MDL: 0.000071
 Predicted MQL: 0.000236

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	-.00169	.000	1
S1	.00600	.00581	-.000	-3.17	.01967	.000	1
S3	1.2500	1.2765	.027	2.12	4.6846	.012	1
S4	2.5000	2.4440	-.056	-2.24	8.9705	.004	1
S5	5.0000	5.0297	.030	.594	18.463	.015	1

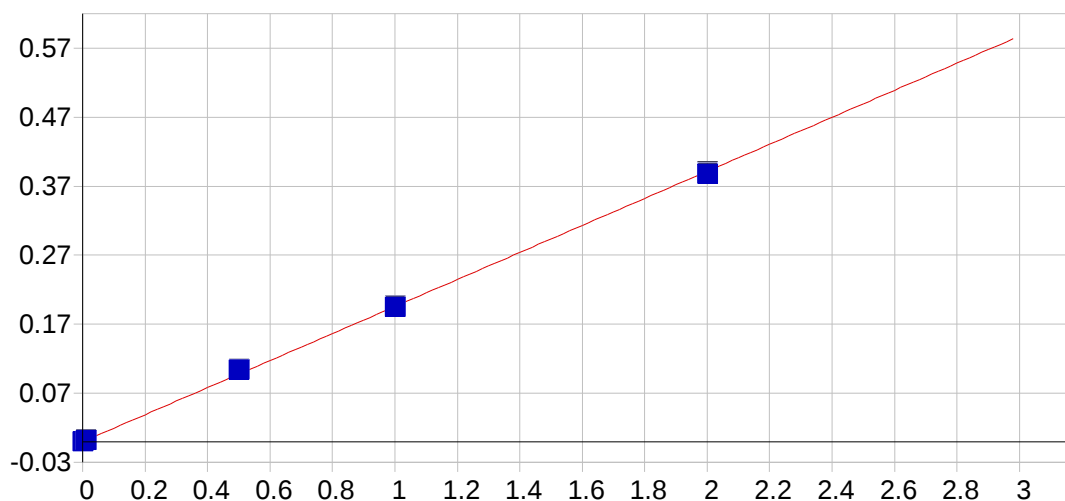


Ca 373.690 { 90}

Date of Fit: 5/15/2019 14:01:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000936 Re-Slope: 1.000000
 A1 (Gain): 0.047070 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999133 Status: OK.
 Std Error of Est: 0.001071
 Predicted MDL: 0.016822
 Predicted MQL: 0.056075

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.4209	.421	21.0	.11489	.000	1
S0	.00000	-.00048	-.000	.000	.00091	.000	1
S3	12.500	13.268	.768	6.14	.62577	.004	1
S4	25.000	24.719	-.281	-1.13	1.1651	.008	1
S5	50.000	49.093	-.907	-1.81	2.3130	.019	1



Cr 267.716 {126}

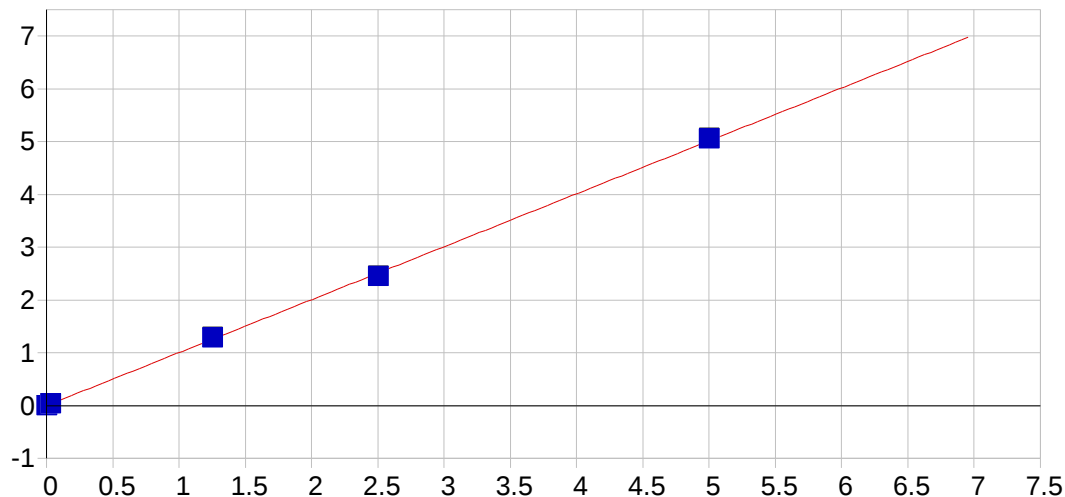
Date of Fit: 5/15/2019 14:01:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000180 Re-Slope: 1.000000
 A1 (Gain): 0.195865 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999727
 Std Error of Est: 0.000035
 Predicted MDL: 0.000433
 Predicted MQL: 0.001445

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00018	.000	1
S1	.01000	.01034	.000	3.42	.00186	.000	1
S3	.50000	.52868	.029	5.74	.10414	.000	1
S4	1.0000	.99283	-.007	-.717	.19582	.000	1
S5	2.0000	1.9781	-.022	-1.09	.39035	.000	1



Co 228.616 {447}

Date of Fit: 5/15/2019 14:01:21

Type of Fit: Linear

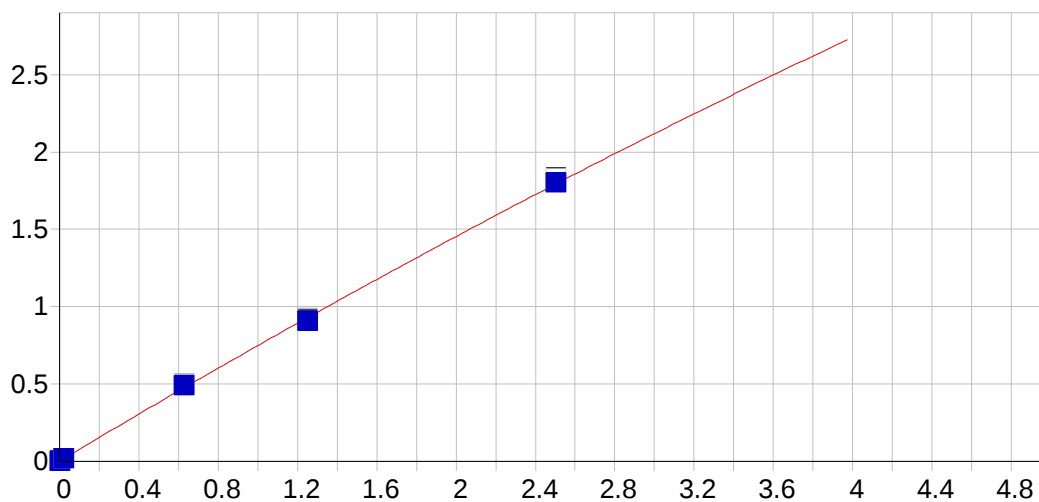
Weighting: 1/Conc

A0 (Offset): -0.000274
 A1 (Gain): 1.002908
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999858
 Std Error of Est: 0.000355
 Predicted MDL: 0.000212
 Predicted MQL: 0.000706

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	.03000	.02820	-.002	-6.01	.02780	.000	1
S3	1.2500	1.2787	.029	2.30	1.2831	.003	1
S4	2.5000	2.4388	-.061	-2.45	2.4476	.001	1
S5	5.0000	5.0343	.034	.686	5.0526	.006	1

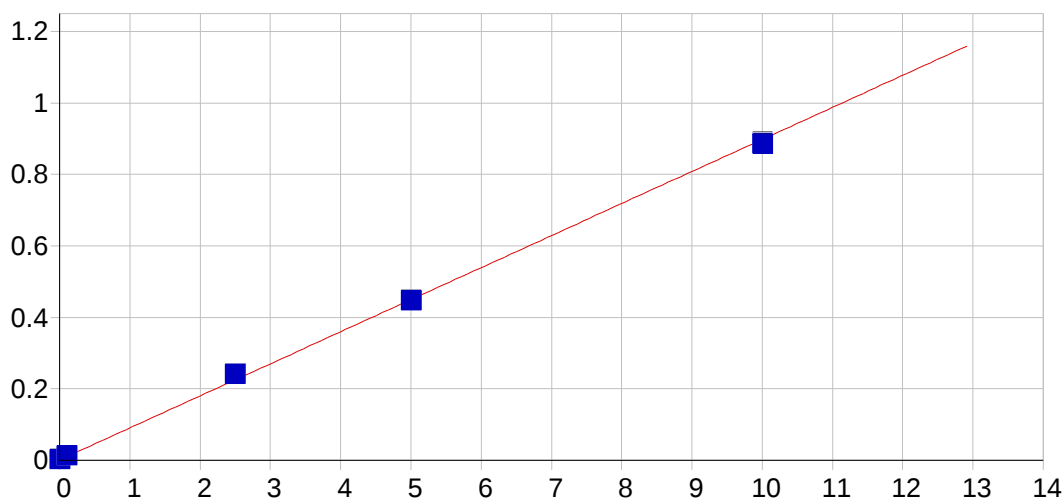


Cu 224.700 {450}

Date of Fit: 5/15/2019 14:01:21 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.002009 Re-Slope: 1.000000
 A1 (Gain): 0.766966 Y-int: 0.000000
 A2 (Curvature): -0.020515
 n (Exponent): 1.000000
 Correlation: 0.999838 Status: OK.
 Std Error of Est: 0.000198
 Predicted MDL: 0.000353
 Predicted MQL: 0.001175

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00201	.000	1
S1	.02000	.02063	.001	3.15	.01806	.000	1
S3	.62500	.64457	.020	3.13	.49559	.001	1
S4	1.2500	1.2183	-.032	-2.54	.92145	.001	1
S5	2.5000	2.5116	.012	.465	1.8299	.003	1



Fe 240.488 {140}

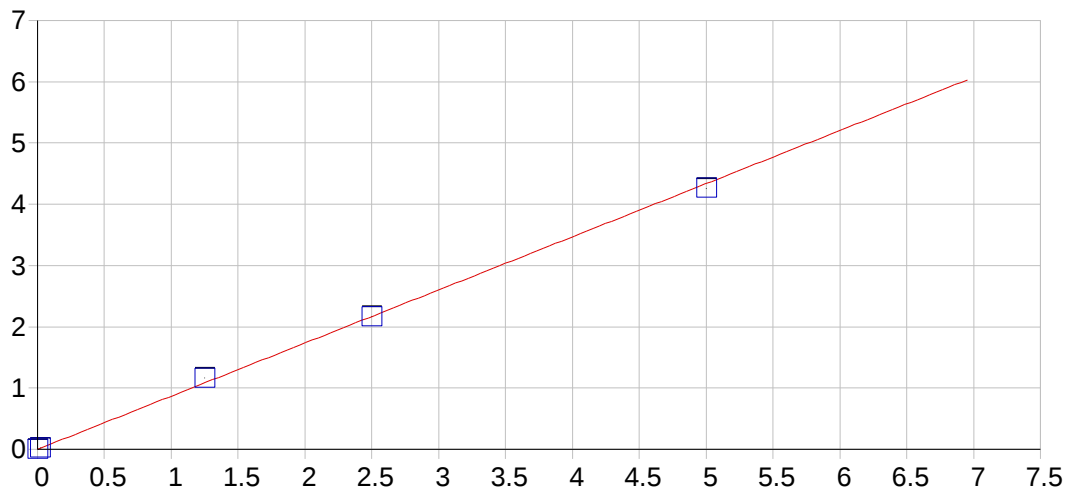
Date of Fit: 5/15/2019 14:01:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000977 Re-Slope: 1.000000
 A1 (Gain): 0.089691 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999496
 Std Error of Est: 0.000155
 Predicted MDL: 0.000711
 Predicted MQL: 0.002370

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00097	.000	1
S1	.10000	.11955	.020	19.5	.01174	.000	1
S3	2.5000	2.6701	.170	6.80	.24129	.001	1
S4	5.0000	4.9540	-.046	-.920	.44698	.001	1
S5	10.000	9.8564	-.144	-1.44	.88835	.002	1



Mn 257.610 {131}

Date of Fit: 5/15/2019 14:01:21

Type of Fit: Linear

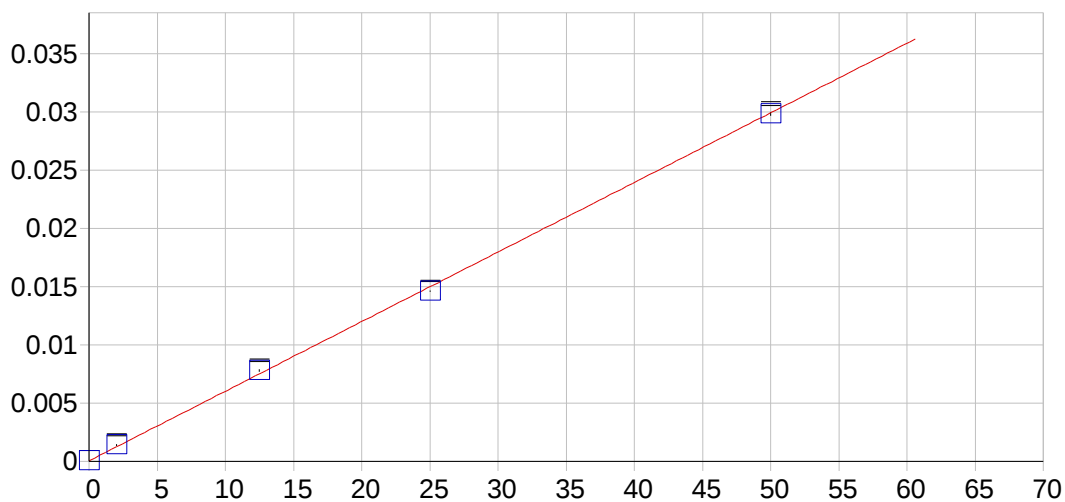
Weighting: 1/Conc

A0 (Offset): 0.000299
 A1 (Gain): 0.867431
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999504
 Std Error of Est: 0.000467
 Predicted MDL: 0.000077
 Predicted MQL: 0.000258

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	.00030	.000	1
S1	.02000	.02288	.003	14.4	.02015	.000	1
S3	1.2500	1.3408	.091	7.27	1.1634	.006	1
S4	2.5000	2.4981	-.002	-.076	2.1672	.003	1
S5	5.0000	4.9082	-.092	-1.84	4.2578	.004	1

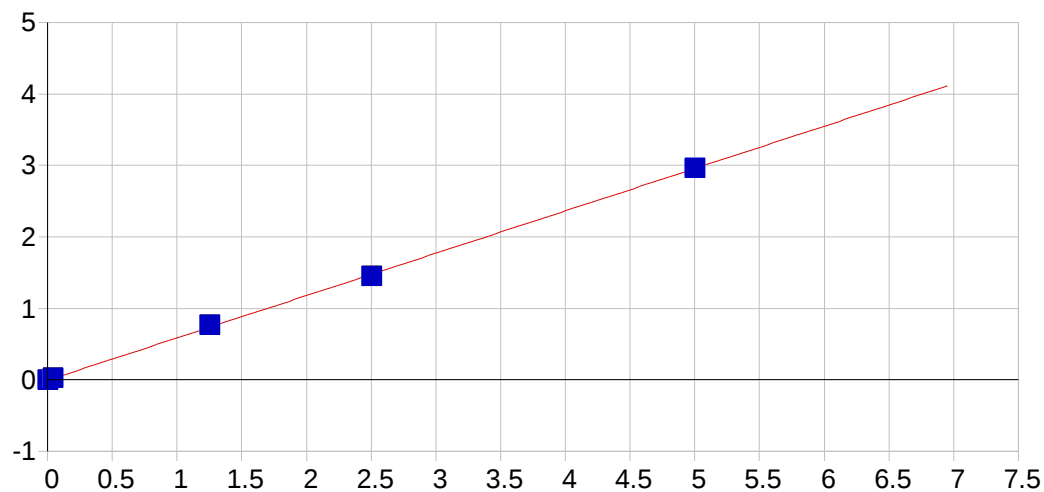


Mg 279.079 {121}

Date of Fit: 5/15/2019 14:01:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000050 Re-Slope: 1.000000
 A1 (Gain): 0.000597 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999613 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.049224
 Predicted MQL: 0.164079

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2672	.267	13.4	.00140	.000	1
S0	.00000	-.00029	-.000	.000	.00005	.000	1
S3	12.500	12.988	.488	3.90	.00781	.000	1
S4	25.000	24.410	-.590	-2.36	.01463	.000	1
S5	50.000	49.835	-.165	-.330	.02981	.000	1



Ni 231.604 {445}

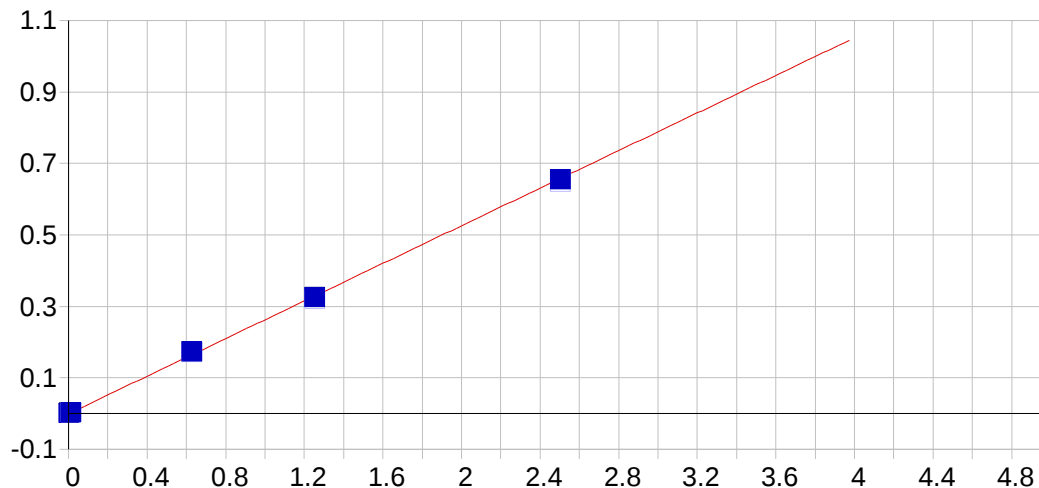
Date of Fit: 5/15/2019 14:01:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005996 Re-Slope: 1.000000
 A1 (Gain): 0.592491 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999858
 Std Error of Est: 0.000242
 Predicted MDL: 0.000379
 Predicted MQL: 0.001264

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00600	.000	1
S1	.04000	.03939	-.001	-1.53	.01735	.000	1
S3	1.2500	1.2936	.044	3.49	.76129	.002	1
S4	2.5000	2.4511	-.049	-1.96	1.4479	.001	1
S5	5.0000	5.0059	.006	.118	2.9632	.003	1



Ag 328.068 {103}

Date of Fit: 5/15/2019 14:01:21

Type of Fit: Linear

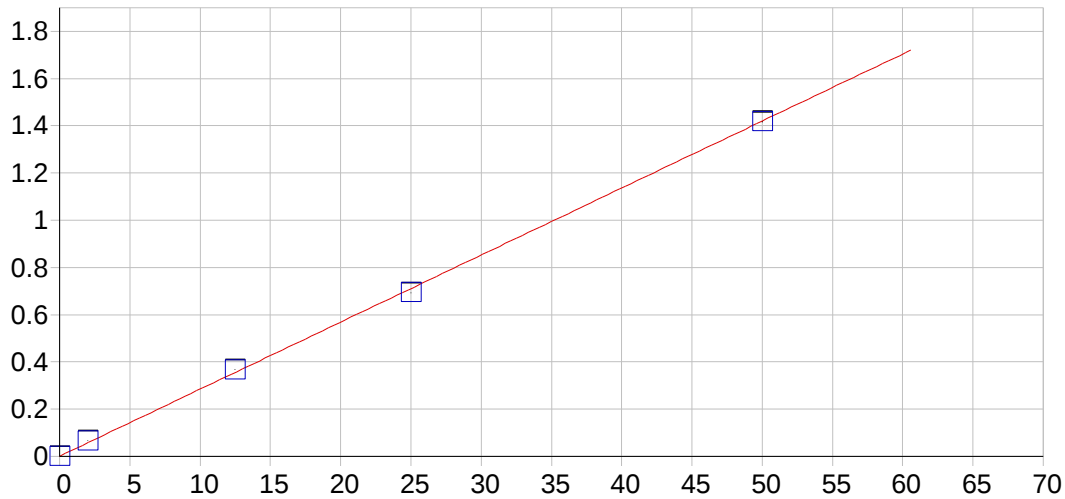
Weighting: 1/Conc

A0 (Offset): -0.000436
 A1 (Gain): 0.263024
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999782
 Std Error of Est: 0.000046
 Predicted MDL: 0.000547
 Predicted MQL: 0.001825

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	-.00044	.000	1
S1	.01000	.01020	.000	1.98	.00219	.000	1
S3	.62500	.65600	.031	4.96	.17024	.000	1
S4	1.2500	1.2321	-.018	-1.43	.31990	.000	1
S5	2.5000	2.4867	-.013	-.533	.64614	.001	1

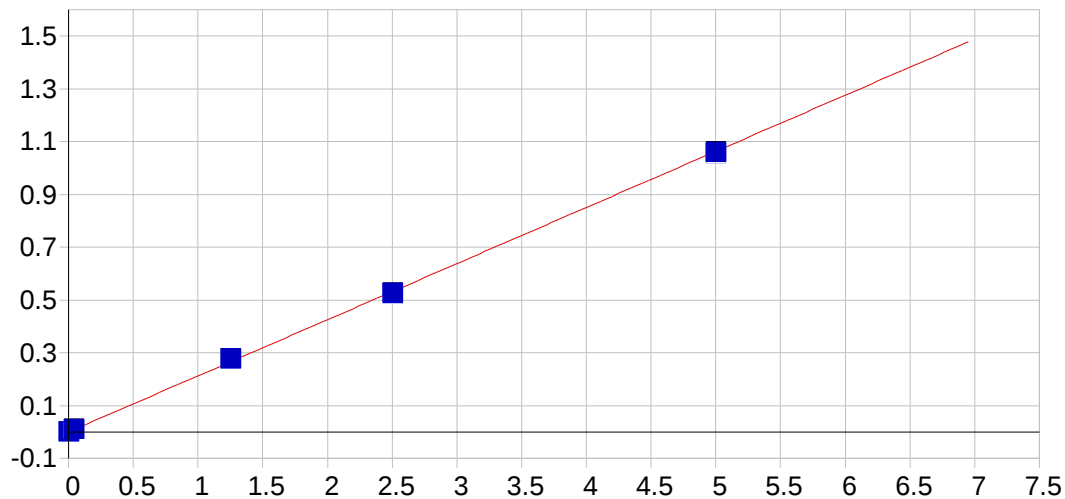


Na 589.592 { 57}

Date of Fit: 5/15/2019 14:01:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000900 Re-Slope: 1.000000
 A1 (Gain): 0.028390 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999595 Status: OK.
 Std Error of Est: 0.000441
 Predicted MDL: 0.009017
 Predicted MQL: 0.030057

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.3002	.300	15.0	.06620	.001	1
S0	.00000	-.00031	-.000	.000	.00089	.000	1
S3	12.500	12.887	.387	3.10	.36678	.001	1
S4	25.000	24.381	-.619	-2.48	.69307	.002	1
S5	50.000	49.932	-.068	-.136	1.4185	.002	1



V 292.402 {115}

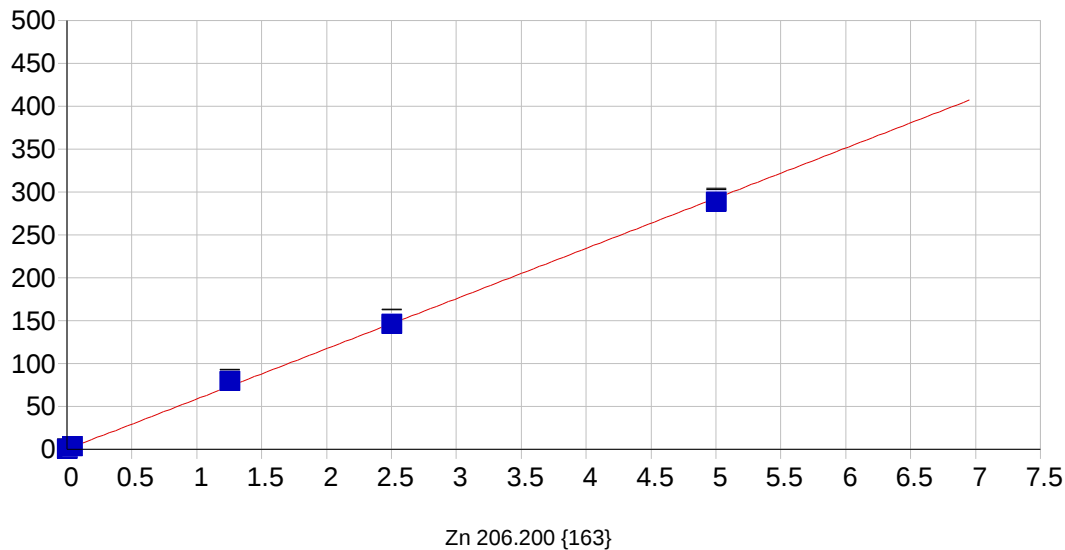
Date of Fit: 5/15/2019 14:01:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000245 Re-Slope: 1.000000
 A1 (Gain): 0.212670 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999846
 Std Error of Est: 0.000090
 Predicted MDL: 0.000457
 Predicted MQL: 0.001523

Status: OK.

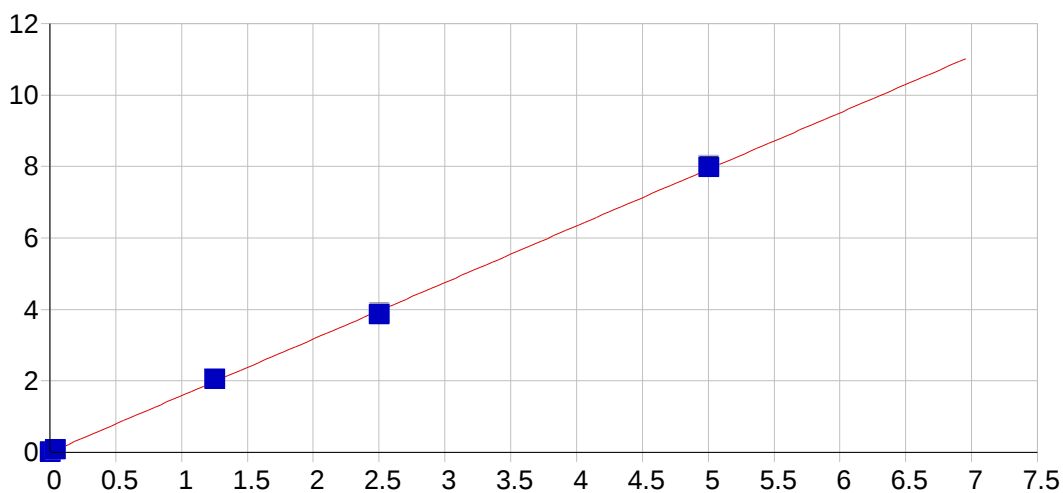
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00025	.000	1
S1	.04000	.04052	.001	1.31	.00824	.000	1
S3	1.2500	1.3022	.052	4.18	.27497	.000	1
S4	2.5000	2.4691	-.031	-1.24	.52137	.001	1
S5	5.0000	4.9782	-.022	-.436	1.0515	.003	1



Date of Fit: 5/15/2019 14:01:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.150561 Re-Slope: 1.000000
 A1 (Gain): 58.529253 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999471 Status: OK.
 Std Error of Est: 0.046355
 Predicted MDL: 0.000405
 Predicted MQL: 0.001349

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.15008	.037	1
S1	.04000	.04620	.006	15.5	2.8699	.044	1
S3	1.2500	1.3432	.093	7.45	79.209	1.77	1
S4	2.5000	2.4848	-.015	-.609	146.47	4.81	1
S5	5.0000	4.9158	-.084	-1.68	289.64	3.16	1

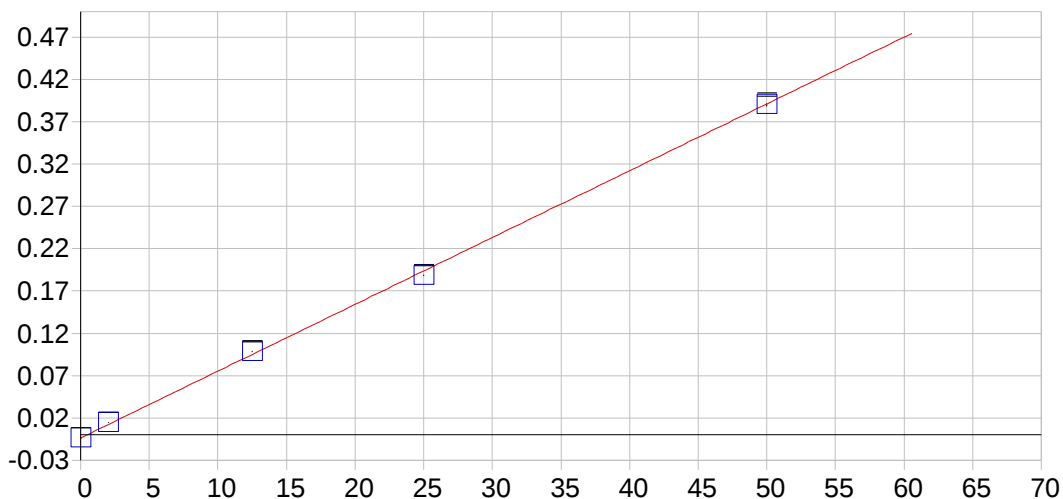


Zn 213.856 {458}

Date of Fit: 5/15/2019 14:01:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002048 Re-Slope: 1.000000
 A1 (Gain): 1.583823 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999824 Status: OK.
 Std Error of Est: 0.000723
 Predicted MDL: 0.000101
 Predicted MQL: 0.000336

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00204	.000	1
S1	.04000	.04164	.002	4.11	.06844	.000	1
S3	1.2500	1.2874	.037	2.99	2.0538	.005	1
S4	2.5000	2.4331	-.067	-2.68	3.8810	.003	1
S5	5.0000	5.0278	.028	.556	8.0157	.010	1



K 766.490 {44}

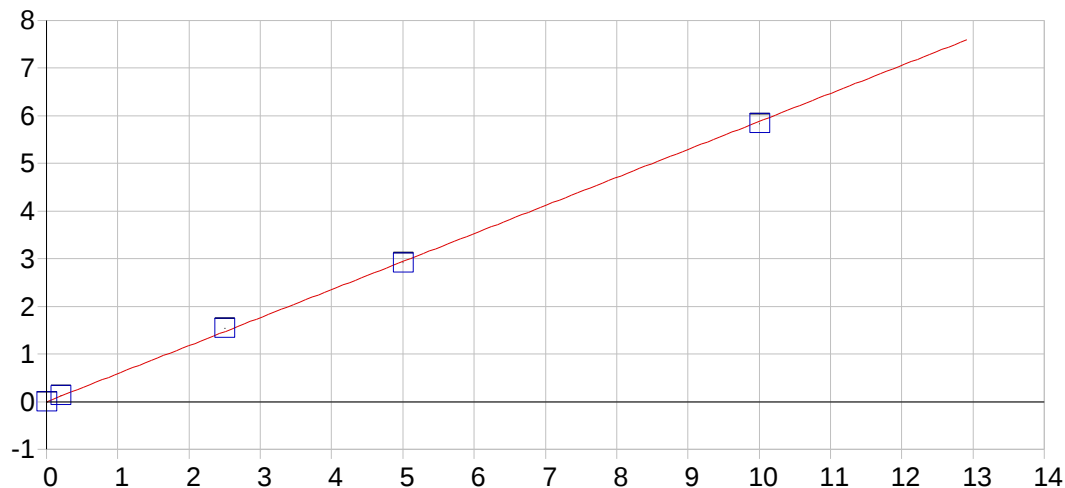
Date of Fit: 5/15/2019 14:01:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003625 Re-Slope: 1.000000
 A1 (Gain): 0.007893 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999526
 Std Error of Est: 0.000133
 Predicted MDL: 0.037046
 Predicted MQL: 0.123486

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.3135	.313	15.7	.01464	.000	1
S0	.00000	-.00033	-.000	.000	-.00363	.000	1
S3	12.500	12.965	.465	3.72	.09871	.001	1
S4	25.000	24.326	-.674	-2.69	.18839	.001	1
S5	50.000	49.895	-.105	-.210	.39020	.002	1



Mo 202.030 {467}

Date of Fit: 5/15/2019 14:01:21

Type of Fit: Linear

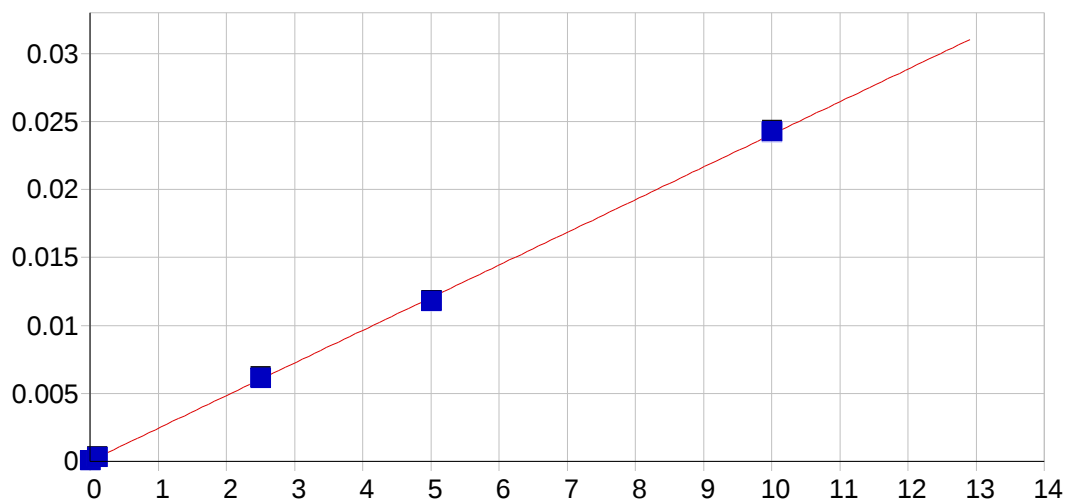
Weighting: 1/Conc

A0 (Offset): -0.000330
 A1 (Gain): 0.588177
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999794
 Std Error of Est: 0.000916
 Predicted MDL: 0.000284
 Predicted MQL: 0.000947

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	-.00034	.000	1
S1	.20000	.20895	.009	4.48	.12257	.000	1
S3	2.5000	2.6201	.120	4.81	1.5408	.001	1
S4	5.0000	4.9533	-.047	-.933	2.9131	.006	1
S5	10.000	9.9176	-.082	-.824	5.8330	.003	1

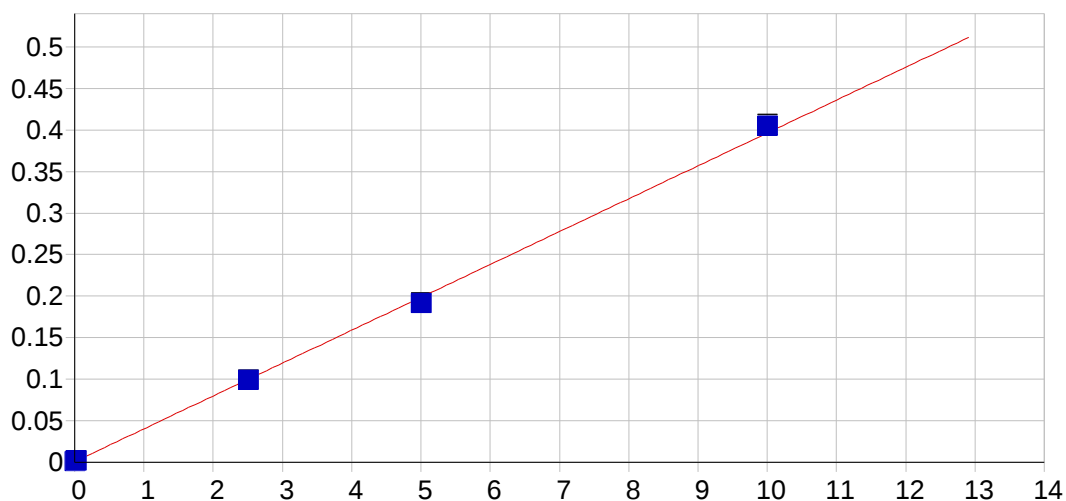


B 249.678 {135}

Date of Fit: 5/15/2019 14:01:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000030 Re-Slope: 1.000000
 A1 (Gain): 0.002402 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999863 Status: OK.
 Std Error of Est: 0.000002
 Predicted MDL: 0.011252
 Predicted MQL: 0.037508

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00003	.000	1
S1	.10000	.11087	.011	10.9	.00030	.000	1
S3	2.5000	2.5308	.031	1.23	.00609	.000	1
S4	5.0000	4.8843	-.116	-2.31	.01173	.000	1
S5	10.000	10.074	.074	.740	.02417	.000	1



S 182.034 {485}

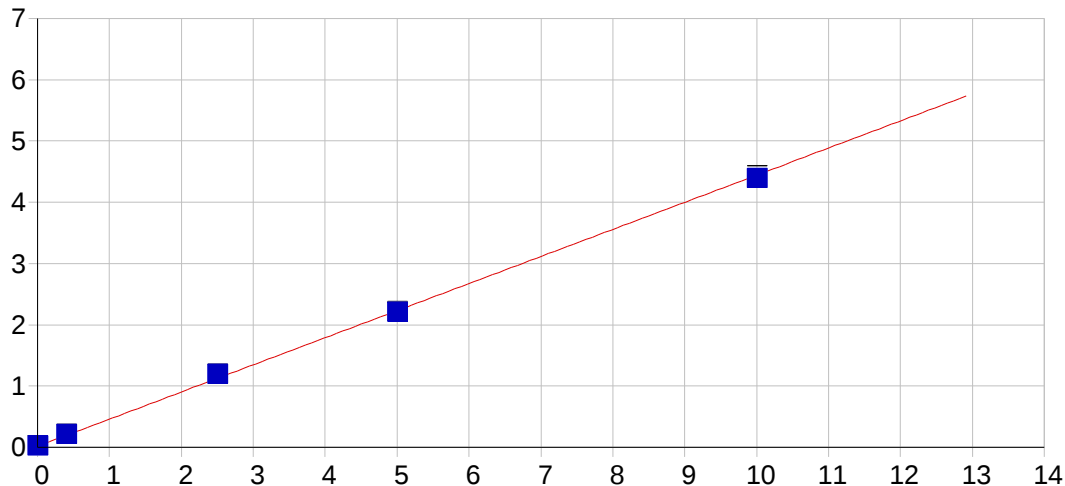
Date of Fit: 5/15/2019 14:01:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000761 Re-Slope: 1.000000
 A1 (Gain): 0.039561 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999662
 Std Error of Est: 0.000025
 Predicted MDL: 0.002726
 Predicted MQL: 0.009086

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00076	.000	1
S1	.02000	.01703	-.003	-14.8	.00141	.000	1
S3	2.5000	2.4729	-.027	-1.08	.09848	.000	1
S4	5.0000	4.8182	-.182	-3.64	.19115	.001	1
S5	10.000	10.212	.212	2.12	.40431	.002	1



Si 288.158 {117}

Date of Fit: 5/15/2019 14:01:21

Type of Fit: Linear

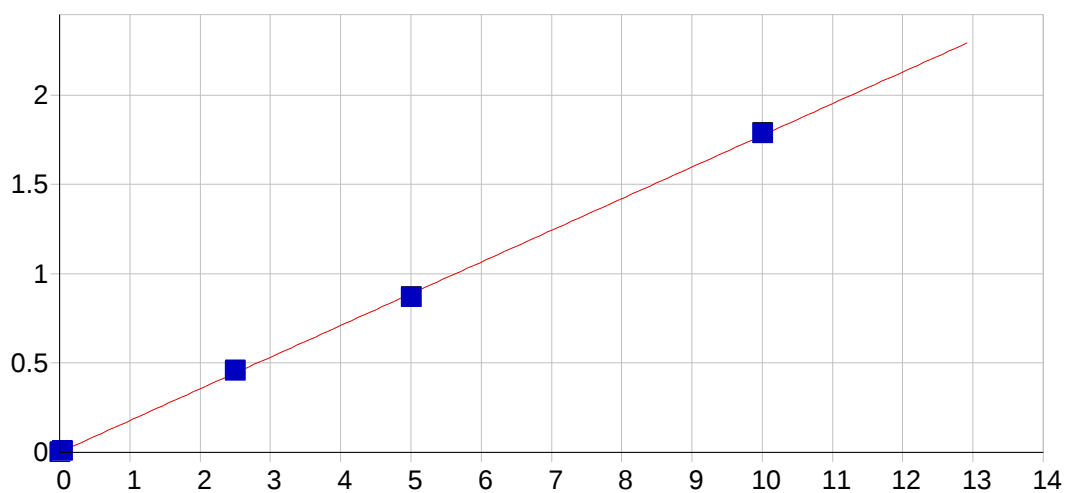
Weighting: 1/Conc

A0 (Offset): 0.018264
 A1 (Gain): 0.442434
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999675
 Std Error of Est: 0.001230
 Predicted MDL: 0.002429
 Predicted MQL: 0.008096

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	-.00004	-.000	.000	.01825	.001	1
S1	.40000	.42186	.022	5.46	.20476	.002	1
S3	2.5000	2.6461	.146	5.84	1.1884	.005	1
S4	5.0000	4.9442	-.056	-1.12	2.2046	.008	1
S5	10.000	9.8879	-.112	-1.12	4.3907	.037	1

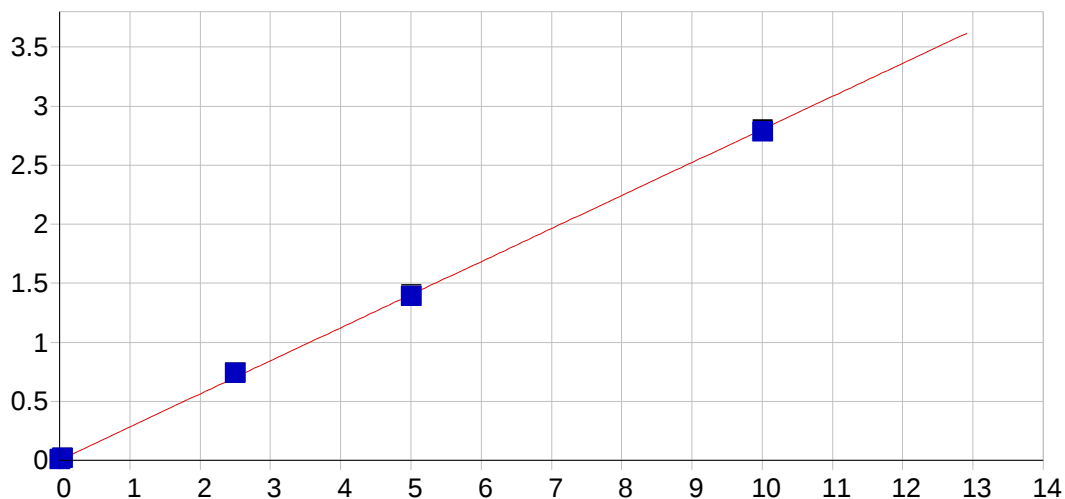


Sn 189.989 {477}

Date of Fit: 5/15/2019 14:01:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000939 Re-Slope: 1.000000
 A1 (Gain): 0.177345 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999862 Status: OK.
 Std Error of Est: 0.000101
 Predicted MDL: 0.000632
 Predicted MQL: 0.002107

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00094	.000	1
S1	.04000	.03699	-.003	-7.54	.00750	.000	1
S3	2.5000	2.5658	.066	2.63	.45605	.001	1
S4	5.0000	4.8859	-.114	-2.28	.86758	.002	1
S5	10.000	10.051	.051	.514	1.7838	.003	1



Ti 336.121 {100}

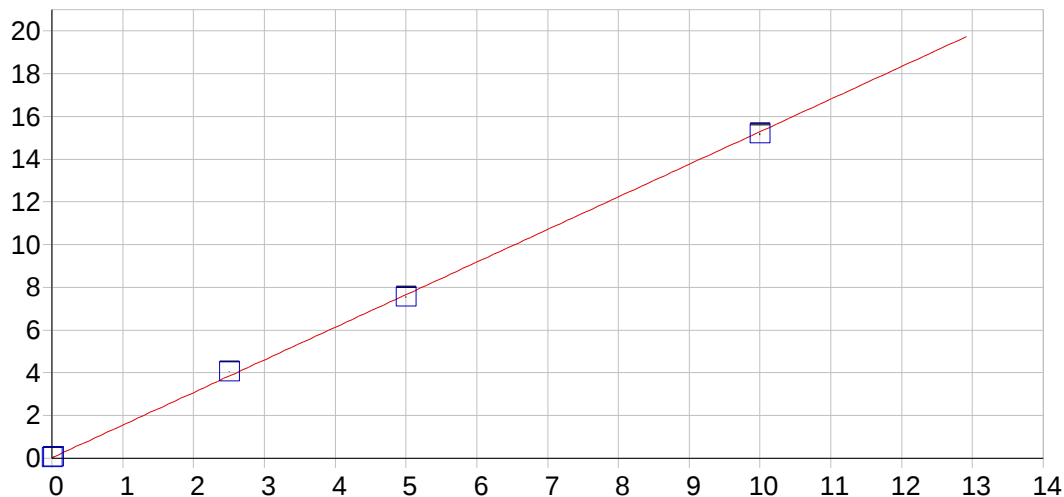
Date of Fit: 5/15/2019 14:01:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002962 Re-Slope: 1.000000
 A1 (Gain): 0.279966 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999785
 Std Error of Est: 0.000198
 Predicted MDL: 0.002011
 Predicted MQL: 0.006702

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00296	.000	1
S1	.04000	.03977	-.000	-.563	.01409	.001	1
S3	2.5000	2.6271	.127	5.08	.73836	.001	1
S4	5.0000	4.9554	-.045	-.891	1.3901	.008	1
S5	10.000	9.9177	-.082	-.823	2.7792	.015	1



Li 670.784 { 50}

Date of Fit: 5/15/2019 14:01:21

Type of Fit: Linear

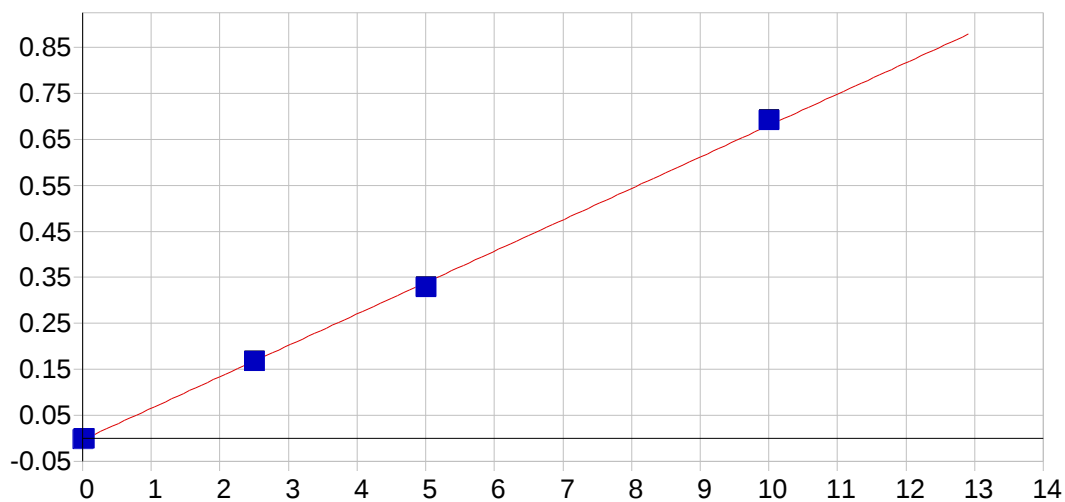
Weighting: 1/Conc

A0 (Offset): 0.027308
 A1 (Gain): 1.526173
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999735
 Std Error of Est: 0.000849
 Predicted MDL: 0.001782
 Predicted MQL: 0.005939

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	.02730	.001	1
S1	.02000	.02180	.002	9.00	.06058	.003	1
S3	2.5000	2.6387	.139	5.55	4.0544	.022	1
S4	5.0000	4.9327	-.067	-1.35	7.5554	.029	1
S5	10.000	9.9268	-.073	-.732	15.177	.051	1



P 177.495 {490}

Date of Fit: 5/15/2019 14:01:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002772 Re-Slope: 1.000000
 A1 (Gain): 0.068250 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999773 Status: OK.
 Std Error of Est: 0.000035
 Predicted MDL: 0.001636
 Predicted MQL: 0.005454

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00277	.000	1
S1	.02000	.01751	-.002	-12.4	-.00158	.000	1
S3	2.5000	2.4842	-.016	-.633	.16653	.000	1
S4	5.0000	4.8480	-.152	-3.04	.32761	.001	1
S5	10.000	10.170	.170	1.70	.69037	.001	1



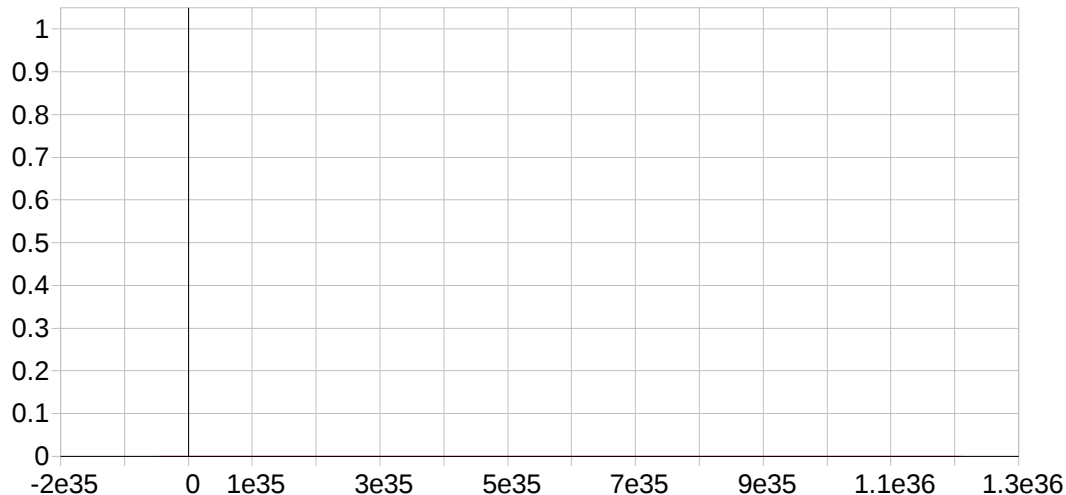
Y 224.306 {450}*

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

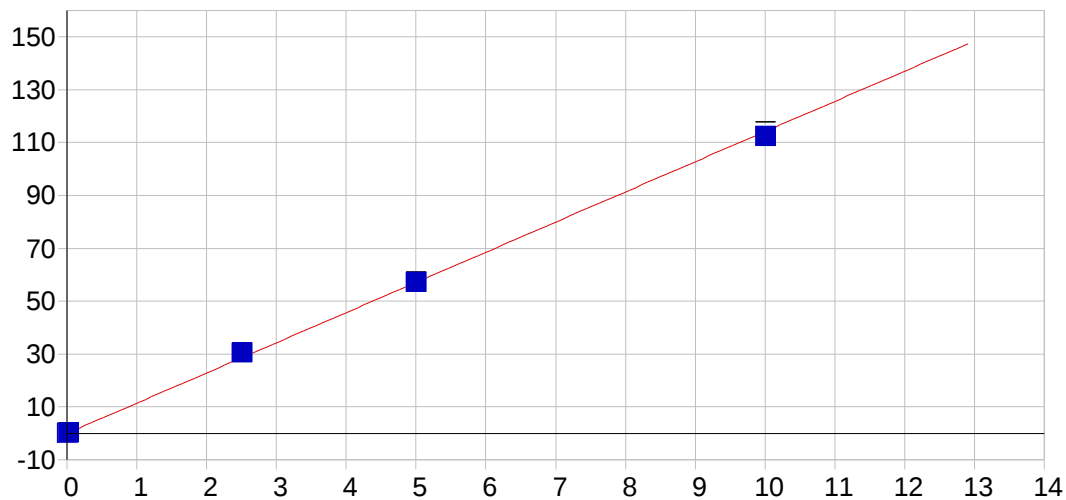
Status: Warning Zero Gain

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: 5/15/2019 14:01:21

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.002861

Re-Slope: 1.000000

A1 (Gain): 11.420381

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999635

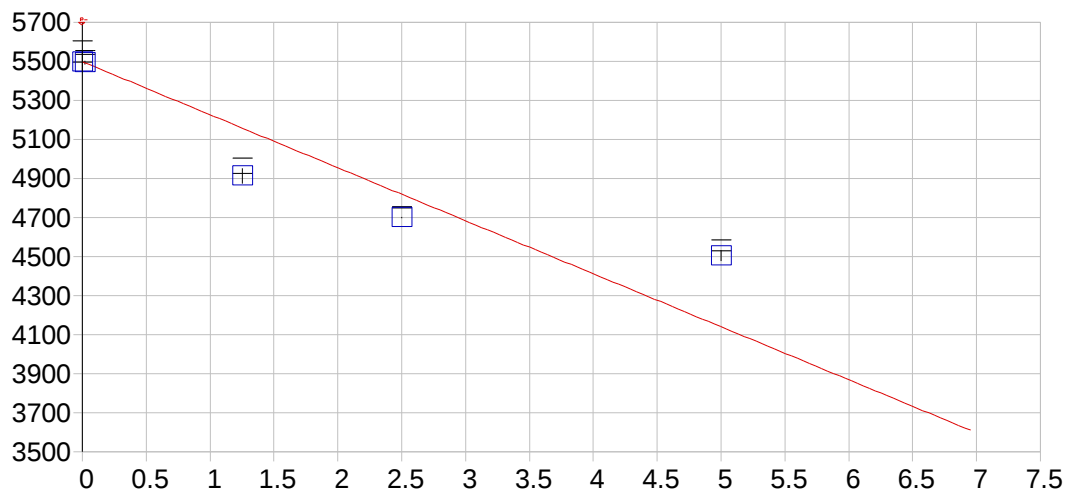
Status: OK.

Std Error of Est: 0.007461

Predicted MDL: 0.000099

Predicted MQL: 0.000331

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00288	.001	1
S1	.02000	.02081	.001	4.07	.23611	.002	1
S3	2.5000	2.6591	.159	6.36	30.397	.105	1
S4	5.0000	5.0031	.003	.062	57.197	.061	1
S5	10.000	9.8370	-.163	-1.63	112.46	1.54	1



Date of Fit: 5/15/2019 14:01:21

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 5498.190150

Re-Slope: 1.000000

A1 (Gain): -271.548490

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.943070

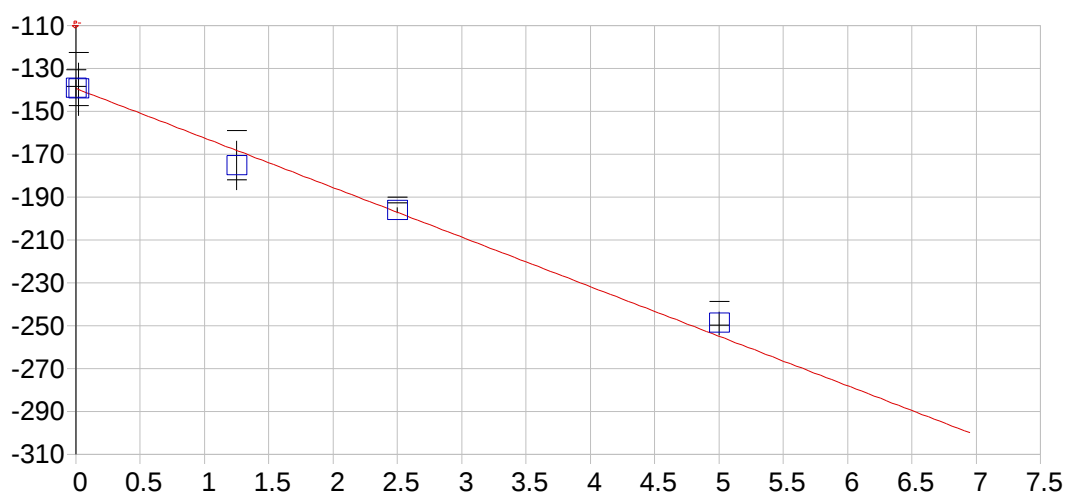
Status: Warning Negative Gain

Std Error of Est: 1.636543

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	5498.2	54.5	1
S1	.02000	.01694	-.003	-15.3	5493.6	10.9	1
S3	1.2500	2.1546	.905	72.4	4913.1	38.7	1
S4	2.5000	2.9380	.438	17.5	4700.4	2.85	1
S5	5.0000	3.6604	-1.34	-26.8	4504.2	27.8	1



U 385.958 { 87}

Date of Fit: 5/15/2019 14:01:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -139.337650

Re-Slope: 1.000000

A1 (Gain): -23.104844

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.994937

Status: Warning Negative Gain

Std Error of Est: 0.039881

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-139.34	3.84	1
S1	.02000	.01398	-.006	-30.1	-139.66	12.3	1
S3	1.2500	1.5537	.304	24.3	-175.24	11.5	1
S4	2.5000	2.4595	-.040	-1.62	-196.16	1.42	1
S5	5.0000	4.7428	-.257	-5.14	-248.92	5.45	1

Sample Name: S0 Acquired: 5/15/2019 11:19:05 Type: Cal
Method: P4-ICP2(v3124) 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	-.00007	-.00009	.00134	.00006	.00047	.00132	.00098	.00011
Stddev	.00002	.00015	.00023	.00011	.00003	.00005	.00017	.00001
%RSD	30.478	172.81	16.984	165.35	7.4054	3.7380	17.319	12.880

#1	-.00009	.00004	.00157	.00010	.00049	.00135	.00079	.00011
#2	-.00005	-.00005	.00134	.00015	.00048	.00135	.00105	.00009
#3	-.00008	-.00026	.00111	-.00005	.00043	.00126	.00112	.00012

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	-.00169	.00091	-.00018	-.00027	.00201	.00097	.00030	.00005
Stddev	.00029	.00048	.00005	.00010	.00008	.00003	.00005	.00001
%RSD	17.140	52.784	28.860	35.972	3.9891	3.4580	17.746	22.705

#1	-.00136	.00111	-.00021	-.00028	.00198	.00101	.00024	.00006
#2	-.00189	.00036	-.00021	-.00017	.00210	.00095	.00034	.00005
#3	-.00183	.00127	-.00012	-.00036	.00194	.00096	.00032	.00004

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	-.00600	-.00044	.00089	-.00025	.00204	-.00363	-.00034	.00003
Stddev	.00018	.00006	.00018	.00009	.00015	.00002	.00004	.00001
%RSD	3.0081	12.622	19.647	34.735	7.5119	.55054	12.317	28.858

#1	-.00580	-.00038	.00082	-.00025	.00214	-.00364	-.00036	.00002
#2	-.00616	-.00049	.00076	-.00033	.00213	-.00360	-.00029	.00004
#3	-.00603	-.00045	.00109	-.00016	.00187	-.00364	-.00036	.00003

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	.00076	.01825	.00094	.00296	.02730	-.0028	-.00288	5498.2
Stddev	.00009	.00106	.00014	.00027	.00103	.0000	.00057	54.5
%RSD	11.955	5.7981	15.309	8.9975	3.7895	1.465	19.650	.99034

#1	.00087	.01774	.00087	.00283	.02664	-.0028	-.00227	5560.7
#2	.00071	.01946	.00110	.00279	.02678	-.0027	-.00339	5473.2
#3	.00071	.01754	.00084	.00327	.02850	-.0028	-.00298	5460.8

Sample Name: S0 Acquired: 5/15/2019 11:19:05 Type: Cal
 Method: P4-ICP2(v3124) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-139.34
Stddev	3.84
%RSD	2.7582

#1	-138.07
#2	-136.29
#3	-143.65

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4567.7	50299.	4594.7	60.931	4897.5
Stddev	15.9	83.	6.2	.828	18.4
%RSD	.34748	.16556	.13470	1.3595	.37468

#1	4550.0	50280.	4587.6	61.117	4888.0
#2	4572.5	50390.	4598.6	60.025	4885.9
#3	4580.6	50226.	4597.9	61.650	4918.7

Sample Name: S1 Acquired: 5/15/2019 11:23:31 Type: Cal
Method: P4-ICP2(v3124) 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	.00079	.00467	.00367	.00102	.00548	.00216	.03471	.00541
Stddev	.00008	.00011	.00010	.00014	.00019	.00003	.00024	.00002
%RSD	10.628	2.2783	2.6048	13.336	3.4481	1.5184	.70498	.32227

#1	.00076	.00478	.00373	.00088	.00562	.00219	.03469	.00540
#2	.00073	.00465	.00356	.00101	.00526	.00213	.03447	.00543
#3	.00089	.00457	.00373	.00115	.00555	.00214	.03496	.00541

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	.01967	.00186	.02780	.01806	.01174	.02015	.01735	.00219
Stddev	.00024	.00002	.00016	.00005	.00003	.00020	.00020	.00006
%RSD	1.2007	.99293	.59125	.25118	.29439	1.0111	1.1455	2.5722

#1	.01994	.00185	.02785	.01801	.01171	.01992	.01721	.00214
#2	.01955	.00184	.02794	.01809	.01178	.02020	.01727	.00225
#3	.01952	.00188	.02762	.01808	.01175	.02032	.01758	.00219

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	.00824	.06844	.12257	.00030	.00141	.20476	.00750	.01409
Stddev	.00007	.00017	.00023	.00002	.00006	.00159	.00009	.00061
%RSD	.89260	.24413	.18597	7.4240	4.5603	.77818	1.1371	4.3434

#1	.00832	.06836	.12233	.00029	.00139	.20419	.00751	.01449
#2	.00822	.06834	.12261	.00032	.00148	.20353	.00741	.01439
#3	.00818	.06864	.12278	.00028	.00136	.20656	.00757	.01339

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.06058	-.0016	.23611	5493.6	-139.66
Stddev	.00306	.0001	.00152	10.9	12.34
%RSD	5.0452	4.941	.64278	.19872	8.8344

#1	.05707	-.0016	.23446	5484.8	-150.22
#2	.06267	-.0016	.23641	5490.1	-142.66
#3	.06200	-.0015	.23745	5505.8	-126.10

Sample Name: S1 Acquired: 5/15/2019 11:23:31 Type: Cal
Method: P4-ICP2(v3124) 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	4591.2	50395.	4671.8	61.828	4875.5
Stddev	5.7	80.	20.5	1.263	2.1
%RSD	.12458	.15867	.43936	2.0433	.04336
#1	4597.7	50381.	4661.4	61.183	4877.9
#2	4588.7	50481.	4695.5	63.283	4874.9
#3	4587.2	50323.	4658.7	61.017	4873.8

Sample Name: S2 Acquired: 5/15/2019 11:28:02 Type: Cal
Method: P4-ICP2(v3124) 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	.11489	.00140	.06620	.01464
Stddev	.00034	.00008	.00073	.00020
%RSD	.29677	5.3507	1.1083	1.3913

#1	.11470	.00133	.06536	.01440
#2	.11468	.00148	.06672	.01474
#3	.11528	.00139	.06652	.01477

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	50672.	4824.6
Stddev	123.	45.4
%RSD	.24367	.94105

#1	50582.	4772.8
#2	50813.	4843.8
#3	50621.	4857.4

Sample Name: S3 Acquired: 5/15/2019 11:32:15 Type: Cal
Method: P4-ICP2(v3124) 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	.10489	.30553	.52501	.13061	.27136	.04509	1.7617	.11277
Stddev	.00023	.00090	.00060	.00042	.00040	.00019	.0065	.00045
%RSD	.22320	.29513	.11464	.32497	.14834	.43003	.36860	.40252
#1	.10462	.30597	.52520	.13106	.27163	.04510	1.7560	.11255
#2	.10503	.30613	.52549	.13021	.27090	.04527	1.7687	.11329
#3	.10502	.30449	.52434	.13056	.27156	.04488	1.7603	.11246
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.6846	.62577	.10414	1.2831	.49559	.24129	1.1634	.00781
Stddev	.0116	.00377	.00034	.0033	.00071	.00089	.0058	.00009
%RSD	.24734	.60185	.32303	.25447	.14318	.36921	.49875	1.1811
#1	4.6903	.62258	.10403	1.2841	.49555	.24121	1.1666	.00771
#2	4.6922	.62479	.10452	1.2858	.49491	.24222	1.1669	.00789
#3	4.6713	.62992	.10388	1.2795	.49633	.24045	1.1567	.00783
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	.76129	.17024	.36678	.27497	2.0538	.09871	1.5408	.00609
Stddev	.00172	.00021	.00056	.00032	.0048	.00067	.0012	.00008
%RSD	.22613	.12555	.15314	.11461	.23226	.68049	.07762	1.3449
#1	.76147	.17015	.36652	.27464	2.0557	.09914	1.5417	.00604
#2	.76291	.17048	.36742	.27527	2.0572	.09906	1.5394	.00619
#3	.75948	.17008	.36639	.27498	2.0483	.09794	1.5411	.00606
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	.09848	1.1884	.45605	.73836	4.0544	.1665	30.397	4913.1
Stddev	.00021	.0052	.00091	.00096	.0220	.0002	.105	38.7
%RSD	.21493	.43685	.19913	.13022	.54326	.1141	.34543	.78822
#1	.09873	1.1889	.45668	.73810	4.0793	.1667	30.465	4957.8
#2	.09838	1.1830	.45646	.73943	4.0373	.1664	30.276	4889.2
#3	.09834	1.1933	.45501	.73756	4.0467	.1664	30.450	4892.4

Sample Name: S3 Acquired: 5/15/2019 11:32:15 Type: Cal
Method: P4-ICP2(v3124) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-175.24
Stddev	11.49
%RSD	6.5579

#1	-173.68
#2	-164.60
#3	-187.43

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4462.9	49435.	4764.2	61.756	4474.0
Stddev	3.4	100.	21.7	1.391	7.5
%RSD	.07611	.20164	.45522	2.2531	.16764

#1	4461.4	49456.	4751.0	61.542	4470.7
#2	4466.8	49326.	4789.2	60.484	4468.7
#3	4460.5	49522.	4752.4	63.242	4482.5

Sample Name: S4 Acquired: 5/15/2019 11:36:14 Type: Cal
Method: P4-ICP2(v3124) 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	.19956	.57899	.99789	.24778	.51455	.08375	3.3440	.21246
Stddev	.00084	.00098	.00061	.00068	.00041	.00080	.0088	.00059
%RSD	.42033	.16981	.06085	.27574	.07986	.95627	.26264	.27787
#1	.19866	.57851	.99811	.24739	.51409	.08379	3.3464	.21182
#2	.19969	.57833	.99836	.24739	.51472	.08293	3.3342	.21298
#3	.20032	.58012	.99720	.24857	.51485	.08453	3.3513	.21259
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.9705	1.1651	.19582	2.4476	.92145	.44698	2.1672	.01463
Stddev	.0036	.0079	.00023	.0006	.00127	.00062	.0026	.00005
%RSD	.04021	.67870	.11945	.02283	.13781	.13841	.11887	.37525
#1	8.9663	1.1599	.19556	2.4479	.92000	.44627	2.1649	.01462
#2	8.9728	1.1611	.19588	2.4469	.92236	.44737	2.1669	.01458
#3	8.9724	1.1742	.19602	2.4479	.92200	.44730	2.1700	.01469
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	1.4479	.31990	.69307	.52137	3.8810	.18839	2.9131	.01173
Stddev	.0012	.00010	.00204	.00061	.0032	.00066	.0060	.00007
%RSD	.08276	.03010	.29393	.11744	.08164	.35124	.20518	.63429
#1	1.4478	.31993	.69407	.52138	3.8780	.18902	2.9062	.01176
#2	1.4491	.31979	.69073	.52076	3.8806	.18770	2.9164	.01165
#3	1.4467	.31998	.69441	.52199	3.8843	.18844	2.9167	.01179
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	.19115	2.2046	.86758	1.3901	7.5554	.3276	57.197	4700.4
Stddev	.00063	.0081	.00240	.0076	.0294	.0008	.061	2.8
%RSD	.32946	.36744	.27694	.54426	.38873	.2332	.10605	.06058
#1	.19043	2.1954	.86578	1.3830	7.5869	.3269	57.267	4703.5
#2	.19148	2.2107	.86665	1.3893	7.5287	.3275	57.155	4699.7
#3	.19155	2.2076	.87031	1.3981	7.5506	.3284	57.170	4697.9

Sample Name: S4 Acquired: 5/15/2019 11:36:14 Type: Cal
 Method: P4-ICP2(v3124) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-196.16
Stddev	1.42
%RSD	.72466

#1	-194.55
#2	-197.23
#3	-196.72

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4402.8	49008.	4744.5	60.773	4330.1
Stddev	6.9	50.	8.2	2.102	7.2
%RSD	.15757	.10267	.17222	3.4584	.16686

#1	4402.7	48997.	4749.0	58.372	4325.4
#2	4409.8	49063.	4735.1	62.276	4338.4
#3	4395.9	48964.	4749.4	61.673	4326.5

Sample Name: S5 Acquired: 5/15/2019 11:40:13 Type: Cal
Method: P4-ICP2(v3124) 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	.40676	1.1694	2.0443	.50310	1.0447	.17060	6.7889	.42830
Stddev	.00036	.0013	.0019	.00057	.0015	.00064	.0720	.00088
%RSD	.08761	.11401	.09195	.11422	.14568	.37790	1.0604	.20637
#1	.40639	1.1678	2.0422	.50266	1.0430	.17133	6.7945	.42931
#2	.40677	1.1700	2.0457	.50288	1.0460	.17009	6.8579	.42767
#3	.40710	1.1703	2.0450	.50375	1.0450	.17039	6.7143	.42791
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	18.463	2.3130	.39035	5.0526	1.8299	.88835	4.2578	.02981
Stddev	.015	.0187	.00031	.0065	.0025	.00208	.0045	.00018
%RSD	.07929	.80851	.07938	.12786	.13901	.23371	.10503	.60196
#1	18.453	2.2929	.39014	5.0460	1.8276	.89074	4.2571	.02986
#2	18.480	2.3299	.39071	5.0528	1.8295	.88723	4.2626	.02996
#3	18.456	2.3161	.39020	5.0589	1.8326	.88707	4.2537	.02961
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.9632	.64614	1.4185	1.0515	8.0157	.39020	5.8330	.02417
Stddev	.0028	.00062	.0025	.0026	.0104	.00188	.0034	.00010
%RSD	.09555	.09520	.17477	.24645	.12932	.48087	.05798	.41506
#1	2.9605	.64550	1.4200	1.0545	8.0042	.39234	5.8291	.02423
#2	2.9661	.64673	1.4198	1.0500	8.0188	.38885	5.8347	.02405
#3	2.9629	.64618	1.4156	1.0500	8.0242	.38942	5.8351	.02423
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	.40431	4.3907	1.7838	2.7792	15.177	.6904	112.46	4504.2
Stddev	.00172	.0370	.0035	.0152	.051	.0005	1.54	27.8
%RSD	.42596	.84330	.19506	.54687	.33683	.0771	1.3654	.61665
#1	.40243	4.3487	1.7798	2.7621	15.139	.6898	110.70	4482.9
#2	.40467	4.4044	1.7856	2.7910	15.158	.6905	113.21	4494.1
#3	.40582	4.4188	1.7861	2.7846	15.235	.6908	113.48	4535.6

Sample Name: S5 Acquired: 5/15/2019 11:40:13 Type: Cal
 Method: P4-ICP2(v3124) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-248.92
Stddev	5.45
%RSD	2.1912

#1	-254.09
#2	-243.22
#3	-249.45

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4273.4	47785.	4746.1	58.977	4065.4
Stddev	4.2	60.	31.3	.602	6.9
%RSD	.09941	.12520	.65881	1.0204	.17088

#1	4275.4	47759.	4782.1	58.538	4069.3
#2	4268.5	47744.	4726.0	58.730	4057.4
#3	4276.3	47854.	4730.2	59.663	4069.6

Sample Name: ICV01 Acquired: 5/15/2019 11:44:37 Type: Unk
Method: P4-ICP2(v3124) 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	1.0177	1.0546	1.0181	1.0244	1.0039	2.5364	.50392	.49726
Stddev	.0065	.0029	.0019	.0035	.0046	.0200	.00111	.00135
%RSD	.63646	.27743	.19051	.34447	.45708	.78799	.22114	.27202
#1	1.0248	1.0577	1.0199	1.0231	1.0075	2.5228	.50275	.49793
#2	1.0161	1.0543	1.0160	1.0284	1.0055	2.5271	.50405	.49570
#3	1.0121	1.0518	1.0183	1.0217	.99875	2.5593	.50496	.49814
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49605	10.232	.50661	.50010	.50242	5.1275	.51455	6.0244
Stddev	.00035	.054	.00129	.00086	.00107	.0014	.00116	.0249
%RSD	.07137	.52862	.25483	.17296	.21286	.02625	.22532	.41294
#1	.49642	10.183	.50514	.50110	.50329	5.1261	.51562	5.9958
#2	.49571	10.290	.50751	.49957	.50123	5.1275	.51471	6.0407
#3	.49603	10.224	.50720	.49963	.50274	5.1288	.51332	6.0368
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50227	.50660	10.020	.50680	.97944	10.042	2.5869	2.5594
Stddev	.00087	.00013	.029	.00310	.00092	.096	.0014	.0308
%RSD	.17222	.02504	.29440	.61117	.09418	.95715	.05360	1.2027
#1	.50260	.50659	9.9899	.50324	.98045	9.9833	2.5858	2.5347
#2	.50128	.50673	10.021	.50892	.97923	9.9899	2.5884	2.5496
#3	.50291	.50648	10.049	.50823	.97864	10.153	2.5865	2.5939
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.1522	2.5092	2.5193	2.5915	F 2.0383	F 1.979	F 2.1421	F 2.3511
Stddev	.0040	.0233	.0024	.0168	.0131	.006	.0099	.1242
%RSD	.18451	.93031	.09664	.64848	.64269	.2941	.46364	5.2844
#1	2.1503	2.5186	2.5217	2.5801	2.0281	1.981	2.1371	2.2269
#2	2.1568	2.5265	2.5168	2.6108	2.0531	1.984	2.1536	2.4754
#3	2.1495	2.4827	2.5193	2.5836	2.0338	1.973	2.1357	2.3510

Sample Name: ICV01 Acquired: 5/15/2019 11:44:37 Type: Unk
 Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.0110
 Stddev .2460
 %RSD 12.232

#1 1.9940
 #2 2.2651
 #3 1.7740

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4501.9	50264.	4880.1	64.393	4562.1
Stddev	17.0	119.	38.3	1.407	13.2
%RSD	.37820	.23620	.78543	2.1854	.28843

#1	4485.4	50136.	4865.9	64.376	4548.7
#2	4501.0	50283.	4851.0	62.994	4562.7
#3	4519.4	50372.	4923.6	65.808	4575.0

Sample Name: LLICV01 Acquired: 5/15/2019 11:48:40 Type: Unk
Method: P4-ICP2(v3124) 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	.01947	.04208	.01224	.01752	.04857	.08265	.10118	.00621
Stddev	.00240	.00100	.00114	.00242	.00081	.01209	.00113	.00004
%RSD	12.311	2.3859	9.3530	13.824	1.6763	14.630	1.1210	.59900
#1	.02224	.04256	.01101	.01562	.04840	.07216	.09992	.00625
#2	.01805	.04274	.01243	.02024	.04945	.07991	.10150	.00618
#3	.01813	.04092	.01327	.01669	.04784	.09588	.10213	.00620
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00587	2.0681	.01030	.02828	.01989	.11942	.02224	2.0261
Stddev	.00003	.0136	.00027	.00004	.00034	.00005	.00007	.0053
%RSD	.58602	.65607	2.6168	.15184	1.7242	.04571	.33078	.26396
#1	.00583	2.0580	.01036	.02831	.01989	.11943	.02219	2.0223
#2	.00588	2.0628	.01001	.02823	.02023	.11947	.02221	2.0322
#3	.00590	2.0835	.01053	.02830	.01954	.11937	.02233	2.0239
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03939	.01031	1.9968	.04091	.04350	1.9967	.20726	.11137
Stddev	.00042	.00010	.0075	.00020	.00028	.0083	.00054	.00801
%RSD	1.0691	.95891	.37336	.49896	.63703	.41461	.26139	7.1954
#1	.03988	.01024	1.9908	.04109	.04362	1.9942	.20694	.11996
#2	.03918	.01043	1.9946	.04069	.04370	1.9899	.20789	.10409
#3	.03912	.01027	2.0052	.04095	.04318	2.0059	.20695	.11005
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01673	.41323	.03949	.03818	.02016	.0185	.02078	F 1.2312
Stddev	.00234	.00310	.00007	.00038	.00032	.0010	.00013	.0335
%RSD	13.988	.75069	.17901	.99588	1.6033	5.394	.61505	2.7172
#1	.01756	.41681	.03948	.03816	.02050	.0186	.02088	1.2678
#2	.01409	.41158	.03943	.03781	.02011	.0175	.02083	1.2236
#3	.01855	.41130	.03957	.03857	.01986	.0195	.02064	1.2022

Sample Name: LLICV01 Acquired: 5/15/2019 11:48:40 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .07245
Stddev	.38037
%RSD	525.00

#1	.33710
#2	-.36344
#3	.24369

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4591.8	51218.	4811.8	65.219	4855.8
Stddev	2.1	71.	27.7	2.574	1.4
%RSD	.04623	.13920	.57655	3.9462	.02816

#1	4589.4	51137.	4779.8	67.425	4854.2
#2	4592.4	51246.	4829.2	62.392	4856.2
#3	4593.6	51271.	4826.3	65.842	4856.9

Sample Name: ICB01 Acquired: 5/15/2019 11:53:05 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00156	-.00026	.00024	-.00151	-.00120	-.01617	.00045
Stddev	.00142	.00056	.00076	.00156	.00089	.01198	.00048
%RSD	90.764	219.59	314.26	103.70	74.530	74.118	106.33

#1	-.00006	.00034	.00111	-.00090	-.00017	-.00349	.00090
#2	.00257	-.00034	-.00029	-.00329	-.00176	-.01770	.00053
#3	.00218	-.00077	-.00010	-.00034	-.00166	-.02731	-.00006

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00001	-.01095	.00022	-.00003	-.00034	.00060
Stddev	.00002	.00002	.00208	.00046	.00017	.00020	.00069
%RSD	56.789	286.56	19.026	210.43	580.58	59.935	115.49

#1	-.00004	.00003	-.01310	-.00026	-.00021	-.00012	.00087
#2	-.00001	.00001	-.00894	.00065	-.00002	-.00052	.00111
#3	-.00003	-.00001	-.01081	.00027	.00014	-.00038	-.00019

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.03154	.00011	-.00025	-.04413	-.00008	.00008
Stddev	.00003	.01765	.00034	.00022	.00356	.00029	.00004
%RSD	68.908	55.952	313.97	87.043	8.0695	351.41	45.182

#1	-.00002	-.04318	.00025	-.00021	-.04607	-.00023	.00004
#2	-.00003	-.04021	-.00028	-.00005	-.04629	-.00028	.00011
#3	-.00008	-.01124	.00035	-.00048	-.04002	.00025	.00011

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03221	.00001	-.00291	-.00334	.00263	-.00066	.00029
Stddev	.03018	.00011	.00824	.00300	.00090	.00042	.00224
%RSD	93.696	751.79	283.39	89.893	34.279	64.485	774.92

#1	-.00629	-.00007	-.00272	-.00460	.00335	-.00017	.00272
#2	-.06535	-.00003	.00524	.00009	.00162	-.00083	-.00170
#3	-.02501	.00014	-.01124	-.00550	.00293	-.00096	-.00015

Sample Name: ICB01 Acquired: 5/15/2019 11:53:05 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00072	.0008	.00003	F 1.0267	F<.00000
Stddev	.00082	.0011	.00005	.2304	.06719
%RSD	114.14	139.9	189.23	22.443	29.086
#1	-.00140	.0014	.00004	.80143	-.30853
#2	.00019	.0014	-.00003	1.2620	-.19508
#3	-.00096	-.0005	.00008	1.0167	-.18942
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4615.6	51551.	4764.8	65.797	4920.6
Stddev	8.0	5.	38.7	.667	3.8
%RSD	.17228	.01021	.81269	1.0133	.07670
#1	4607.7	51548.	4729.7	65.125	4916.7
#2	4623.6	51557.	4758.2	66.458	4924.2
#3	4615.5	51548.	4806.3	65.808	4920.9

Sample Name: CRI01 Acquired: 5/15/2019 11:57:33 Type: Unk
Method: P4-ICP2(v3124) 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	.02142	.04107	.01202	.02159	.04919	.09136	.10014	.00619
Stddev	.00052	.00050	.00034	.00117	.00034	.01572	.00062	.00007
%RSD	2.4223	1.2150	2.7882	5.3991	.68304	17.203	.62277	1.2073
#1	.02202	.04130	.01233	.02084	.04954	.07566	.10077	.00612
#2	.02117	.04141	.01167	.02099	.04915	.09132	.09952	.00618
#3	.02108	.04050	.01207	.02293	.04887	.10709	.10014	.00627
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00583	2.0691	.01031	.02849	.02025	.11956	.02197	1.9631
Stddev	.00007	.0154	.00031	.00013	.00034	.00179	.00029	.0578
%RSD	1.2182	.74340	3.0297	.47084	1.7016	1.4986	1.3281	2.9418
#1	.00591	2.0656	.00996	.02852	.02028	.11862	.02167	1.9446
#2	.00580	2.0557	.01055	.02860	.02058	.12162	.02197	1.9169
#3	.00579	2.0859	.01043	.02834	.01990	.11842	.02225	2.0279
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03943	.00988	1.9669	.04063	.04203	1.9415	.20672	.10509
Stddev	.00025	.00049	.0231	.00040	.00015	.0272	.00091	.00492
%RSD	.64513	4.9326	1.1762	.98550	.36691	1.3999	.43998	4.6814
#1	.03944	.00983	1.9410	.04097	.04213	1.9204	.20700	.10954
#2	.03969	.01039	1.9855	.04019	.04185	1.9319	.20745	.09980
#3	.03918	.00942	1.9741	.04074	.04212	1.9722	.20570	.10592
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01614	.40571	.03744	.03770	.01969	.0190	.02066	F 1.6762
Stddev	.00248	.00211	.00097	.00083	.00083	.0003	.00011	.1710
%RSD	15.391	.51964	2.5777	2.2098	4.2199	1.458	.55576	10.201
#1	.01709	.40814	.03777	.03779	.02064	.0192	.02054	1.7397
#2	.01332	.40469	.03636	.03849	.01933	.0187	.02067	1.8062
#3	.01801	.40431	.03820	.03683	.01910	.0192	.02076	1.4825

Sample Name: CRI01 Acquired: 5/15/2019 11:57:33 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .14481
Stddev	.19900
%RSD	137.43

#1	.24814
#2	.27087
#3	-.08460

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4591.6	51312.	4798.3	64.731	4852.6
Stddev	8.9	220.	6.4	1.319	2.5
%RSD	.19372	.42922	.13406	2.0369	.05224

#1	4581.9	51473.	4803.6	66.133	4850.1
#2	4593.4	51403.	4800.1	63.517	4855.1
#3	4599.5	51061.	4791.2	64.542	4852.5

Sample Name: ICSA01 Acquired: 5/15/2019 12:01:58 Type: Unk
 Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00371	.00227	.00306	-.00774	-.00588	279.70	.00742	.00262
Stddev	.00113	.00093	.00098	.00053	.00121	.45	.00028	.00021
%RSD	30.436	41.180	32.140	6.7894	20.522	.16208	3.7560	8.1957
#1	-.00389	.00119	.00297	-.00833	-.00461	279.21	.00751	.00285
#2	-.00474	.00279	.00212	-.00732	-.00700	279.82	.00764	.00244
#3	-.00250	.00283	.00409	-.00757	-.00602	280.09	.00710	.00255
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00312	253.04	.04862	-.00073	.00507	98.154	.01301	279.25
Stddev	.00020	1.15	.00039	.00006	.00050	.293	.00010	1.52
%RSD	6.4830	.45516	.80872	7.5327	9.8687	.29804	.73785	.54481
#1	-.00329	252.20	.04894	-.00074	.00546	97.899	.01312	278.45
#2	-.00317	252.56	.04818	-.00068	.00525	98.091	.01292	278.29
#3	-.00290	254.35	.04873	-.00079	.00451	98.474	.01300	281.00
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00660	-.00431	.01053	.00075	-.00910	-.03243	-.00258	-.00653
Stddev	.00038	.00012	.00519	.00044	.00005	.03600	.00042	.01120
%RSD	5.7262	2.9004	49.272	58.488	.52574	111.02	16.353	171.42
#1	-.00676	-.00418	.00698	.00025	-.00907	-.06861	-.00231	-.00619
#2	-.00688	-.00443	.01649	.00108	-.00908	.00339	-.00307	-.01789
#3	-.00617	-.00431	.00813	.00090	-.00916	-.03206	-.00237	.00449
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01914	.00293	.00804	-.00545	.01060	.0197	-.00197	4.5520
Stddev	.00117	.00269	.00045	.00114	.00141	.0021	.00057	.1707
%RSD	6.1187	91.974	5.6511	20.906	13.287	10.87	28.754	3.7497
#1	.01781	.00159	.00829	-.00529	.00987	.0173	-.00253	4.3770
#2	.01957	.00602	.00831	-.00665	.00972	.0204	-.00140	4.5608
#3	.02003	.00116	.00751	-.00439	.01223	.0215	-.00198	4.7181

Sample Name: ICSA01 Acquired: 5/15/2019 12:01:58 Type: Unk
 Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	30.077
Stddev	.282
%RSD	.93720

#1	30.291
#2	29.758
#3	30.183

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4070.1	45271.	4677.6	60.006	3853.9
Stddev	1.5	30.	6.9	1.561	10.2
%RSD	.03714	.06644	.14755	2.6020	.26496

#1	4071.8	45238.	4682.1	61.749	3843.2
#2	4068.9	45297.	4681.1	58.735	3863.6
#3	4069.7	45280.	4669.7	59.533	3854.9

Sample Name: ICSAB01 Acquired: 5/15/2019 12:08:43 Type: Unk
Method: P4-ICP2(v3124) 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	.09154	.09704	.04898	.04150	.57167	272.58	.49760
Stddev	.00375	.00239	.00056	.00181	.00947	1.16	.00188
%RSD	4.0938	2.4675	1.1437	4.3719	1.6572	.42526	.37774

#1	.08742	.09627	.04950	.04310	.56195	271.26	.49738
#2	.09474	.09513	.04839	.03953	.57219	273.45	.49958
#3	.09247	.09973	.04904	.04187	.58087	273.02	.49584

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49543	.93854	245.74	.50657	.46425	.44972	95.342
Stddev	.00151	.01180	.70	.00095	.00501	.00720	.442
%RSD	.30528	1.2572	.28653	.18737	1.0801	1.6015	.46406

#1	.49435	.92683	245.87	.50547	.45972	.44292	95.654
#2	.49478	.93838	244.98	.50703	.46339	.44897	95.536
#3	.49716	.95042	246.38	.50720	.46964	.45726	94.836

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47047	270.53	.90964	.18806	-.00838	.46317	.97685
Stddev	.00061	.64	.01172	.00105	.00348	.00095	.01253
%RSD	.12935	.23635	1.2885	.55771	41.515	.20542	1.2827

#1	.46978	269.79	.89710	.18834	-.01237	.46254	.96392
#2	.47092	270.89	.91151	.18690	-.00680	.46271	.97768
#3	.47072	270.91	.92031	.18894	-.00597	.46427	.98894

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06940	.94342	.93340	F .01064	.81562	.95242	.89213
Stddev	.04020	.03174	.01210	.00648	.00438	.02877	.00835
%RSD	57.918	3.3643	1.2960	60.869	.53659	3.0207	.93547

#1	-.05187	.91122	.93954	.00365	.81127	.92270	.90136
#2	-.11539	.94437	.94121	.01645	.81556	.95442	.88512
#3	-.04096	.97468	.91947	.01182	.82002	.98014	.88990

Sample Name: ICSAB01 Acquired: 5/15/2019 12:08:43 Type: Unk
 Method: P4-ICP2(v3124) 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	F .00734	F .0129	F -.00208	4.7384	28.781
Stddev	.00267	.0008	.00085	.1274	.385
%RSD	36.392	6.012	40.927	2.6887	1.3375
#1	.00881	.0138	-.00258	4.8266	28.397
#2	.00426	.0127	-.00257	4.5924	29.166
#3	.00896	.0122	-.00110	4.7964	28.780
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4068.4	45404.	4702.7	58.557	3860.2
Stddev	10.2	149.	30.4	.876	12.8
%RSD	.25166	.32727	.64697	1.4960	.33281
#1	4061.7	45240.	4671.1	59.168	3845.9
#2	4080.2	45444.	4731.8	58.950	3870.8
#3	4063.3	45529.	4705.1	57.554	3863.8

Sample Name: CCV01 Acquired: 5/15/2019 12:13:07 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9357	4.9649	4.9110	4.9520	4.9640	9.8699	9.9340	.24881
Stddev	.0152	.0141	.0114	.0111	.0169	.0140	.0072	.00060
%RSD	.30816	.28357	.23265	.22325	.34010	.14147	.07206	.24195
#1	4.9453	4.9652	4.9051	4.9640	4.9834	9.8540	9.9404	.24946
#2	4.9436	4.9788	4.9242	4.9499	4.9562	9.8755	9.9354	.24870
#3	4.9182	4.9506	4.9038	4.9422	4.9524	9.8802	9.9263	.24827
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4574	24.586	.99106	2.4578	1.2194	4.9555	2.4828	24.500
Stddev	.0056	.048	.00368	.0064	.0031	.0144	.0082	.174
%RSD	.22809	.19576	.37156	.26122	.25726	.29015	.32893	.71050
#1	2.4606	24.611	.98863	2.4598	1.2223	4.9391	2.4802	24.699
#2	2.4606	24.530	.98925	2.4631	1.2198	4.9613	2.4762	24.428
#3	2.4509	24.616	.99530	2.4507	1.2160	4.9660	2.4919	24.374
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4552	1.2298	24.656	2.4675	2.4443	24.245	4.9534	4.8984
Stddev	.0053	.0010	.042	.0027	.0046	.090	.0055	.0258
%RSD	.21628	.07712	.17130	.10919	.18766	.37109	.11014	.52648
#1	2.4564	1.2287	24.645	2.4646	2.4450	24.251	4.9579	4.8686
#2	2.4598	1.2306	24.702	2.4699	2.4485	24.152	4.9550	4.9135
#3	2.4494	1.2300	24.619	2.4678	2.4394	24.331	4.9473	4.9131
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8564	4.8541	4.8842	4.9508	4.8966	4.908	5.0016	F 3.2191
Stddev	.0196	.0492	.0032	.0187	.0462	.016	.0221	.0909
%RSD	.40332	1.0141	.06551	.37809	.94363	.3347	.44098	2.8221
#1	4.8550	4.8302	4.8842	4.9474	4.8727	4.914	4.9937	3.2572
#2	4.8767	4.8215	4.8873	4.9340	4.8672	4.921	4.9846	3.2847
#3	4.8376	4.9108	4.8809	4.9710	4.9498	4.890	5.0265	3.1154

Sample Name: CCV01 Acquired: 5/15/2019 12:13:07 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.2219
Stddev	.1143
%RSD	5.1431

#1	2.3498
#2	2.1860
#3	2.1298

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4375.6	48936.	4814.7	63.487	4299.1
Stddev	12.2	50.	31.9	.977	11.3
%RSD	.27966	.10163	.66324	1.5396	.26271

#1	4368.7	48901.	4822.6	62.762	4295.5
#2	4368.4	48993.	4842.0	63.100	4290.1
#3	4389.7	48914.	4779.6	64.599	4311.8

Sample Name: LLCCV01 Acquired: 5/15/2019 12:23:18 Type: Unk
Method: P4-ICP2(v3124) 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	.01779	.03823	.01083	.01706	.04522	.08491	.09608	.00594
Stddev	.00119	.00070	.00010	.00238	.00135	.00711	.00058	.00003
%RSD	6.6736	1.8310	.94636	13.951	2.9946	8.3753	.60686	.58642
#1	.01858	.03756	.01087	.01981	.04373	.08172	.09547	.00593
#2	.01836	.03896	.01072	.01552	.04638	.07996	.09613	.00598
#3	.01642	.03818	.01091	.01586	.04554	.09306	.09663	.00592
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00550	1.9568	.00963	.02683	.01916	.09820	.02064	1.8736
Stddev	.00008	.0080	.00034	.00030	.00018	.00045	.00009	.0464
%RSD	1.4924	.40967	3.5549	1.1135	.92810	.45530	.42597	2.4780
#1	.00547	1.9585	.00995	.02707	.01927	.09861	.02075	1.8684
#2	.00560	1.9639	.00968	.02693	.01927	.09829	.02059	1.9224
#3	.00545	1.9481	.00927	.02650	.01896	.09772	.02059	1.8300
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03730	.00986	1.8743	.03879	.03565	1.8402	.19631	.08953
Stddev	.00012	.00008	.0130	.00004	.00012	.0374	.00032	.00650
%RSD	.32165	.82795	.69549	.11219	.34443	2.0337	.16184	7.2584
#1	.03719	.00989	1.8637	.03879	.03573	1.7981	.19663	.08203
#2	.03743	.00992	1.8704	.03883	.03551	1.8696	.19632	.09357
#3	.03729	.00977	1.8889	.03874	.03572	1.8529	.19599	.09298
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01470	.37487	.03504	.03623	.01768	.0162	.01974	F 1.7137
Stddev	.00233	.00348	.00038	.00134	.00033	.0008	.00019	.1753
%RSD	15.864	.92792	1.0757	3.7005	1.8656	5.088	.97188	10.230
#1	.01400	.37567	.03464	.03492	.01792	.0169	.01955	1.5120
#2	.01279	.37789	.03510	.03760	.01730	.0153	.01994	1.7994
#3	.01730	.37107	.03539	.03617	.01783	.0164	.01974	1.8296

Sample Name: LLCCV01 Acquired: 5/15/2019 12:23:18 Type: Unk
 Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .35523
Stddev	.23627
%RSD	66.514

#1	.14924
#2	.30329
#3	.61315

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4577.6	51290.	4799.6	64.428	4847.4
Stddev	12.4	55.	50.8	.821	15.7
%RSD	.27169	.10633	1.0590	1.2750	.32414

#1	4571.4	51287.	4830.3	65.367	4842.2
#2	4569.4	51346.	4740.9	63.842	4835.1
#3	4591.9	51237.	4827.6	64.075	4865.1

Sample Name: CCB01 Acquired: 5/15/2019 12:27:46 Type: Unk
Method: P4-ICP2(v3124) 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	-.00130	-.00131	.00005	-.00071	-.00209	-.01990	.00065	-.00002
Stddev	.00033	.00038	.00034	.00352	.00015	.00586	.00006	.00002
%RSD	25.071	28.839	657.27	498.26	7.1792	29.427	8.6422	105.34
#1	-.00131	-.00093	-.00033	-.00471	-.00213	-.02559	.00060	-.00000
#2	-.00097	-.00131	.00034	.00068	-.00222	-.01389	.00063	-.00001
#3	-.00163	-.00169	.00015	.00191	-.00193	-.02024	.00071	-.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00821	-.00006	-.00022	-.00049	-.00016	-.00008	.00196
Stddev	.00001	.01390	.00021	.00017	.00019	.00052	.00009	.01457
%RSD	18.312	169.30	341.58	76.178	39.288	325.07	119.17	744.29
#1	-.00005	-.00605	-.00023	-.00006	-.00058	-.00037	-.00002	.01877
#2	-.00006	-.02307	.00017	-.00020	-.00027	.00043	-.00019	-.00686
#3	-.00007	.00448	-.00012	-.00039	-.00062	-.00055	-.00003	-.00604
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	-.00023	-.05955	.00041	-.00014	.00453	.00001	.00757
Stddev	.00020	.00022	.00665	.00011	.00003	.02326	.00014	.01556
%RSD	108.26	98.829	11.170	26.573	23.592	513.70	924.78	205.58
#1	-.00002	-.00002	-.05223	.00035	-.00011	.02995	.00013	.02173
#2	.00037	-.00046	-.06523	.00054	-.00017	-.01570	-.00014	-.00909
#3	.00020	-.00019	-.06121	.00035	-.00012	-.00066	.00006	.01006
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00483	.00244	-.00117	-.00016	-.00331	.0008	.00007	F 1.5891
Stddev	.00097	.00090	.00051	.00114	.00063	.0011	.00008	.0795
%RSD	20.124	36.897	43.680	724.00	18.902	140.5	128.16	5.0013
#1	-.00399	.00291	-.00121	.00074	-.00403	.0008	.00003	1.6023
#2	-.00462	.00300	-.00064	-.00144	-.00285	-.0003	.00001	1.5039
#3	-.00590	.00140	-.00166	.00023	-.00306	.0018	.00016	1.6612

Sample Name: CCB01 Acquired: 5/15/2019 12:27:46 Type: Unk
 Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .18022
Stddev	.27992
%RSD	155.33

#1	-.04170
#2	.49470
#3	.08765

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4603.4	51700.	4749.5	65.750	4906.2
Stddev	1.5	6.	12.0	.308	7.0
%RSD	.03255	.01166	.25330	.46895	.14230

#1	4605.0	51704.	4762.7	65.808	4901.7
#2	4603.3	51703.	4739.3	65.417	4902.7
#3	4602.0	51693.	4746.4	66.025	4914.3

Sample Name: PB119738BL Acquired: 5/15/2019 12:50:18 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00146	-.00072	-.00038	-.00156	-.00225	-.02853	.00056	.00003
Stddev	.00171	.00061	.00084	.00224	.00091	.00378	.00042	.00004
%RSD	117.60	84.719	222.98	143.64	40.137	13.266	75.552	149.74

#1	-.00163	-.00138	-.00130	.00049	-.00305	-.02418	.00104	.00003
#2	.00034	-.00064	-.00017	-.00396	-.00127	-.03030	.00038	-.00001
#3	-.00307	-.00016	.00034	-.00122	-.00245	-.03110	.00025	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.00381	-.00027	-.00010	-.00034	-.00020	-.00001	-.04362
Stddev	.00004	.00559	.00027	.00021	.00015	.00063	.00002	.00847
%RSD	33.283	146.89	98.430	216.84	45.148	316.61	194.60	19.405

#1	-.00009	.00131	-.00043	-.00010	-.00030	.00046	-.00004	-.05070
#2	-.00016	-.00977	.00004	-.00031	-.00021	-.00026	-.00001	-.04593
#3	-.00009	-.00295	-.00042	.00012	-.00051	-.00079	.00001	-.03424

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00024	.10211	.00017	-.00032	.04284	-.00034	-.00548
Stddev	.00028	.00045	.00204	.00021	.00007	.01632	.00019	.00258
%RSD	580.15	185.67	2.0027	127.16	22.677	38.088	55.449	47.101

#1	.00033	-.00074	.10175	.00030	-.00025	.02686	-.00012	-.00640
#2	-.00024	-.00013	.10027	.00027	-.00040	.05947	-.00046	-.00747
#3	.00005	.00014	.10431	-.00008	-.00032	.04218	-.00044	-.00256

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00462	.00225	-.00194	-.00140	-.00017	.0001	.00007	2.5905
Stddev	.00144	.00133	.00068	.00072	.00075	.0009	.00006	.0935
%RSD	31.164	59.305	35.014	51.302	438.71	830.0	82.497	3.6079

#1	-.00410	.00282	-.00143	-.00130	-.00094	-.0005	.00008	2.5185
#2	-.00625	.00073	-.00271	-.00073	.00057	-.0003	.00013	2.5570
#3	-.00351	.00321	-.00167	-.00215	-.00014	.0011	.00001	2.6961

Sample Name: PB119738BL Acquired: 5/15/2019 12:50:18 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.24334
Stddev	.19186
%RSD	78.841

#1	.02184
#2	.35752
#3	.35067

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4582.5	51774.	4857.4	65.900	4848.2
Stddev	1.2	143.	8.2	1.934	3.8
%RSD	.02667	.27599	.16951	2.9347	.07802

#1	4581.2	51879.	4854.9	68.008	4844.5
#2	4583.6	51611.	4866.6	65.483	4848.0
#3	4582.8	51832.	4850.7	64.208	4852.0

Sample Name: K2842-05 Acquired: 5/15/2019 13:08:16 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00060	-.00043	.00108	-.00329	-.00356	.00883	.01574	.00012
Stddev	.00072	.00078	.00069	.00086	.00101	.00777	.00028	.00004
%RSD	121.08	179.98	63.675	26.220	28.381	88.021	1.7977	30.213
#1	.00049	-.00087	.00152	-.00423	-.00439	.00810	.01580	.00013
#2	.00136	.00047	.00143	-.00254	-.00385	.01694	.01599	.00008
#3	-.00007	-.00090	.00029	-.00309	-.00243	.00145	.01543	.00016
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	24.105	.00001	-.00017	.00120	.03242	.00319	27.509
Stddev	.00005	.023	.00055	.00010	.00016	.00001	.00005	.143
%RSD	57.131	.09597	3954.4	58.313	13.456	.01553	1.6676	.52132
#1	-.00007	24.099	-.00062	-.00011	.00107	.03243	.00325	27.675
#2	-.00004	24.130	.00038	-.00029	.00115	.03242	.00317	27.431
#3	-.00013	24.085	.00027	-.00012	.00138	.03242	.00315	27.421
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00121	-.00051	219.46	.00100	.00131	8.4441	.00014	.09948
Stddev	.00021	.00061	1.17	.00020	.00004	.0827	.00019	.01472
%RSD	17.045	120.50	.53354	20.013	2.7700	.97927	137.56	14.801
#1	-.00098	-.00046	220.46	.00114	.00131	8.5393	.00002	.10477
#2	-.00139	.00008	218.17	.00077	.00135	8.3899	.00036	.08284
#3	-.00124	-.00114	219.76	.00109	.00128	8.4031	.00004	.11083
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 18.628	1.9802	-.00903	-.00030	-.00020	.0270	.21465	2.7087
Stddev	.070	.0066	.00077	.00137	.00099	.0010	.00108	.3868
%RSD	.37364	.33352	8.5606	456.97	484.91	3.800	.50433	14.281
#1	18.698	1.9824	-.00992	.00007	.00074	.0260	.21571	2.3049
#2	18.628	1.9728	-.00853	.00085	-.00011	.0268	.21355	2.7452
#3	18.559	1.9854	-.00863	-.00182	-.00124	.0281	.21468	3.0760

Sample Name: K2842-05 Acquired: 5/15/2019 13:08:16 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.0916
Stddev	.2130
%RSD	19.514

#1	.89187
#2	1.0672
#3	1.3158

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4405.2	48522.	4793.4	63.144	4395.0
Stddev	19.6	141.	10.0	.531	15.3
%RSD	.44475	.29099	.20834	.84046	.34718

#1	4427.7	48359.	4804.7	62.833	4411.6
#2	4395.4	48611.	4789.6	62.841	4391.7
#3	4392.4	48596.	4785.9	63.756	4381.6

Sample Name: K2842-06 Acquired: 5/15/2019 13:12:39 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00133	.00033	.00002	-.00056	-.00386	-.00652	.01462	.00017
Stddev	.00146	.00076	.00037	.00238	.00045	.01005	.00056	.00004
%RSD	109.81	228.53	1931.8	422.57	11.681	154.15	3.8202	23.674
#1	.00245	.00093	.00040	-.00271	-.00411	-.00032	.01523	.00022
#2	-.00032	.00058	-.00034	.00199	-.00334	-.00112	.01448	.00016
#3	.00186	-.00052	-.00000	-.00097	-.00413	-.01811	.01414	.00014
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	22.498	.00007	-.00023	.00063	.03105	.00279	22.981
Stddev	.00007	.035	.00025	.00015	.00004	.00052	.00005	.081
%RSD	195.59	.15698	372.07	64.434	6.2416	1.6777	1.7426	.35196
#1	.00003	22.535	.00007	-.00014	.00064	.03143	.00277	23.047
#2	-.00003	22.465	.00031	-.00041	.00066	.03126	.00285	22.891
#3	-.00011	22.494	-.00018	-.00015	.00059	.03046	.00276	23.005
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00123	-.00045	181.56	.00068	.00073	6.9924	.00020	.07333
Stddev	.00024	.00041	.90	.00022	.00003	.0097	.00017	.01613
%RSD	19.495	91.298	.49671	32.063	3.7594	.13806	82.678	21.992
#1	-.00113	-.00086	182.60	.00043	.00071	7.0011	.00010	.09030
#2	-.00151	-.00004	181.01	.00080	.00071	6.9820	.00011	.07149
#3	-.00106	-.00046	181.07	.00081	.00076	6.9940	.00039	.05820
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 15.604	1.9807	-.00794	-.00219	-.00087	.0266	.18936	3.1037
Stddev	.026	.0046	.00018	.00184	.00250	.0018	.00026	.1447
%RSD	.16349	.23270	2.2030	84.106	287.63	6.718	.13674	4.6621
#1	15.608	1.9789	-.00814	-.00257	.00153	.0285	.18965	3.0540
#2	15.627	1.9772	-.00781	-.00019	-.00069	.0249	.18915	2.9904
#3	15.577	1.9859	-.00788	-.00382	-.00345	.0265	.18929	3.2667

Sample Name: K2842-06 Acquired: 5/15/2019 13:12:39 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.59211
Stddev	.55081
%RSD	93.026

#1	.90610
#2	-.04390
#3	.91412

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4418.3	48775.	4776.7	62.529	4430.8
Stddev	12.0	63.	14.0	2.475	12.7
%RSD	.27129	.12864	.29282	3.9579	.28728

#1	4430.0	48702.	4774.0	62.932	4444.3
#2	4418.8	48808.	4791.9	59.878	4429.1
#3	4406.1	48814.	4764.4	64.778	4419.1

Sample Name: K2842-07 Acquired: 5/15/2019 13:17:02 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00101	.00000	.00044	-.00345	-.00431	-.00244	.01102	.00005
Stddev	.00167	.00010	.00077	.00178	.00072	.00645	.00065	.00004
%RSD	164.50	2234.0	173.52	51.664	16.732	264.49	5.8685	78.457

#1	-.00070	.00011	.00123	-.00430	-.00514	-.00969	.01126	.00009
#2	.00047	-.00000	-.00030	-.00140	-.00397	-.00026	.01028	.00002
#3	-.00282	-.00009	.00039	-.00464	-.00382	.00264	.01151	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	19.118	-.00013	-.00010	.00112	.03487	.00250	12.042
Stddev	.00006	.046	.00008	.00007	.00031	.00047	.00004	.133
%RSD	63.793	.24270	62.182	75.359	27.369	1.3453	1.5390	1.1076

#1	-.00006	19.119	-.00017	-.00016	.00078	.03455	.00248	12.193
#2	-.00015	19.165	-.00004	-.00002	.00119	.03465	.00248	11.994
#3	-.00005	19.072	-.00020	-.00012	.00137	.03541	.00255	11.940

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00034	-.00050	88.133	.00060	.00100	3.5262	.00010	.03893
Stddev	.00052	.00031	.623	.00033	.00012	.0264	.00025	.00163
%RSD	150.73	62.821	.70730	54.699	11.905	.74913	237.29	4.1817

#1	.00025	-.00049	88.811	.00039	.00090	3.5567	.00014	.04070
#2	-.00067	-.00081	87.584	.00097	.00113	3.5098	.00033	.03860
#3	-.00061	-.00019	88.004	.00043	.00097	3.5122	-.00016	.03749

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.0028	2.0086	-.00490	-.00106	-.00428	.0224	.12632	2.8925
Stddev	.0429	.0232	.00021	.00190	.00071	.0022	.00037	.1256
%RSD	.53580	1.1529	4.3127	178.70	16.542	9.972	.28922	4.3411

#1	7.9592	1.9826	-.00505	.00026	-.00356	.0200	.12669	2.9301
#2	8.0449	2.0163	-.00466	-.00324	-.00497	.0230	.12630	2.9950
#3	8.0044	2.0270	-.00499	-.00021	-.00430	.0244	.12596	2.7524

Sample Name: K2842-07 Acquired: 5/15/2019 13:17:02 Type: Unk
 Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .59021
 Stddev .35484
 %RSD 60.121

#1 .96520
 #2 .25972
 #3 .54571

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4504.9	50068.	4799.2	65.216	4606.0
Stddev	9.4	143.	29.2	.251	7.1
%RSD	.20873	.28473	.60745	.38497	.15468

#1	4500.9	49912.	4829.6	65.444	4610.2
#2	4515.7	50191.	4771.5	64.947	4610.1
#3	4498.3	50101.	4796.4	65.258	4597.8

Sample Name: PB119738BS Acquired: 5/15/2019 13:21:27 Type: Unk
Method: P4-ICP2(v3124) 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	.73387	1.9289	.94147	1.9223	.73734	1.7955	.18975
Stddev	.00202	.0048	.00169	.0043	.00188	.0066	.00103
%RSD	.27563	.24738	.17904	.22101	.25472	.36486	.54430

#1	.73417	1.9326	.94220	1.9264	.73531	1.8020	.18862
#2	.73172	1.9305	.93954	1.9227	.73902	1.7957	.19065
#3	.73573	1.9235	.94266	1.9179	.73769	1.7889	.18998

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18871	.18557	.98537	.38661	.18724	.29867	2.9452
Stddev	.00035	.00040	.00229	.00066	.00019	.00089	.0091
%RSD	.18669	.21507	.23207	.17136	.10409	.29917	.30968

#1	.18836	.18600	.98753	.38735	.18746	.29928	2.9361
#2	.18872	.18550	.98297	.38638	.18710	.29908	2.9451
#3	.18907	.18521	.98560	.38609	.18716	.29764	2.9543

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19488	1.8680	.46900	.06981	2.9416	.28818	.18267
Stddev	.00123	.0439	.00065	.00051	.0216	.00151	.00041
%RSD	.63006	2.3495	.13953	.73448	.73489	.52338	.22230

#1	.19610	1.9119	.46924	.07035	2.9166	.28877	.18284
#2	.19364	1.8242	.46949	.06933	2.9551	.28647	.18221
#3	.19489	1.8678	.46826	.06976	2.9529	.28931	.18297

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.2859	.37742	.27343	F .00571	.86874	.63024	.18594
Stddev	.0140	.00039	.00913	.00238	.00564	.00215	.00089
%RSD	.15056	.10245	3.3380	41.710	.64937	.34142	.47660

#1	9.2981	.37784	.28111	.00679	.87370	.62958	.18494
#2	9.2888	.37732	.26334	.00298	.86260	.63265	.18623
#3	9.2707	.37709	.27584	.00736	.86993	.62850	.18664

Sample Name: PB119738BS Acquired: 5/15/2019 13:21:27 Type: Unk
Method: P4-ICP2(v3124) 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	.18918	5.120	.18985	F 2.9990	F<.00000
Stddev	.00147	.010	.00031	.1897	.19234
%RSD	.77658	.1894	.16554	6.3256	18.422

#1	.19054	5.129	.18976	2.7811	-.83566
#2	.18938	5.110	.19020	3.0878	-1.2147
#3	.18762	5.121	.18960	3.1279	-1.0819

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4519.9	50976.	4806.0	65.619	4706.3
Stddev	4.9	146.	22.1	1.413	4.7
%RSD	.10860	.28687	.45893	2.1528	.10078

#1	4515.8	50839.	4781.1	63.992	4707.0
#2	4518.5	51130.	4823.1	66.342	4701.2
#3	4525.3	50960.	4813.8	66.525	4710.6

Sample Name: K2779-02 Acquired: 5/15/2019 13:25:35 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	-.00188	.00261	-.00215	-.00393	.00839	.05617	.00007
Stddev	.00174	.00057	.00139	.00279	.00104	.00403	.00066	.00003
%RSD	691.49	30.218	53.080	130.03	26.520	47.964	1.1788	45.331

#1	-.00164	-.00253	.00375	-.00014	-.00380	.01277	.05618	.00004
#2	.00062	-.00165	.00301	-.00097	-.00295	.00756	.05550	.00007
#3	.00178	-.00147	.00107	-.00534	-.00503	.00485	.05683	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	2.0393	-.00014	-.00012	.00163	.00255	.01146	.50698
Stddev	.00002	.0191	.00022	.00005	.00032	.00058	.00003	.07364
%RSD	33.022	.93768	158.24	45.038	19.600	22.944	.27446	14.524

#1	.00009	2.0572	-.00038	-.00012	.00134	.00291	.01150	.42728
#2	.00004	2.0192	.00006	-.00006	.00197	.00285	.01145	.57249
#3	.00007	2.0415	-.00010	-.00017	.00157	.00187	.01144	.52117

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00032	-.00049	102.35	-.00004	.06043	.21224	-.00003	.01845
Stddev	.00024	.00031	.58	.00019	.00029	.04029	.00014	.00201
%RSD	74.730	62.508	.57060	533.97	.47449	18.981	536.24	10.882

#1	-.00057	-.00074	102.57	-.00024	.06010	.22131	.00013	.02018
#2	-.00010	-.00015	102.79	.00013	.06056	.24721	-.00007	.01625
#3	-.00029	-.00059	101.69	.00001	.06062	.16819	-.00014	.01893

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07874	.11691	-.00071	-.00006	-.00150	.0019	.01066	3.3993
Stddev	.00169	.00321	.00036	.00116	.00122	.0014	.00013	.0408
%RSD	2.1452	2.7472	50.374	2032.0	80.968	73.56	1.1936	1.2006

#1	.07679	.11790	-.00045	-.00127	-.00197	.0026	.01077	3.4449
#2	.07974	.11332	-.00112	.00005	-.00012	.0029	.01070	3.3869
#3	.07968	.11951	-.00057	.00105	-.00241	.0003	.01052	3.3661

Sample Name: K2779-02 Acquired: 5/15/2019 13:25:35 Type: Unk
 Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .26529
 Stddev .06629
 %RSD 24.988

#1 .22516
 #2 .22890
 #3 .34180

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4453.3	49568.	4790.9	63.295	4466.9
Stddev	15.9	87.	26.3	1.268	12.8
%RSD	.35660	.17639	.54996	2.0026	.28694

#1	4435.8	49535.	4777.9	62.163	4453.5
#2	4466.7	49501.	4821.3	64.665	4468.2
#3	4457.5	49667.	4773.6	63.058	4479.0

Sample Name: K2779-04 Acquired: 5/15/2019 13:30:04 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 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	-.00220	.00132	-.00094	-.00292	-.00507	.05328	.00001
Stddev	.00135	.00110	.00082	.00242	.00142	.00677	.00060	.00005
%RSD	369.47	50.197	61.759	257.10	48.630	133.60	1.1269	415.07

#1	.00101	-.00206	.00044	-.00032	-.00451	-.00781	.05262	-.00002
#2	-.00119	-.00117	.00147	.00111	-.00177	.00264	.05380	.00007
#3	.00127	-.00336	.00206	-.00361	-.00248	-.01004	.05340	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	4.7842	-.00024	-.00002	-.00017	.13486	.01480	.34039
Stddev	.00005	.0234	.00011	.00010	.00011	.00135	.00025	.07400
%RSD	109.65	.48874	45.274	526.54	61.270	.99742	1.7008	21.740

#1	-.00006	4.7600	-.00019	.00010	-.00009	.13364	.01461	.32514
#2	-.00010	4.8067	-.00016	-.00006	-.00029	.13464	.01471	.27521
#3	.00001	4.7859	-.00036	-.00009	-.00014	.13631	.01508	.42084

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00039	.00008	87.730	.00032	.03594	.18438	-.00000	.01711
Stddev	.00034	.00024	.695	.00015	.00112	.05257	.00041	.00637
%RSD	88.195	289.50	.79239	47.399	3.1076	28.511	10171.	37.214

#1	-.00076	-.00019	87.027	.00049	.03472	.15686	-.00003	.01929
#2	-.00010	.00018	87.745	.00021	.03617	.15128	.00043	.00994
#3	-.00029	.00026	88.417	.00026	.03692	.24499	-.00040	.02210

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13031	.14070	-.00141	.00022	.00038	.0001	.02614	3.2199
Stddev	.00312	.00107	.00030	.00126	.00237	.0007	.00011	.2264
%RSD	2.3965	.75788	21.047	564.37	629.47	1462.	.42721	7.0312

#1	.12673	.14021	-.00130	-.00011	-.00150	-.0008	.02606	3.2445
#2	.13251	.13997	-.00174	-.00083	-.00040	.0005	.02626	3.4330
#3	.13168	.14192	-.00118	.00162	.00303	.0005	.02608	2.9822

Sample Name: K2779-04 Acquired: 5/15/2019 13:30:04 Type: Unk
 Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .44880
 Stddev .47391
 %RSD 105.59

#1 .56535
 #2 -.07251
 #3 .85356

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4441.3	49443.	4701.8	64.591	4486.2
Stddev	5.4	79.	37.0	.309	2.9
%RSD	.12143	.16009	.78656	.47869	.06484

#1	4435.9	49500.	4668.2	64.274	4483.8
#2	4441.3	49475.	4695.8	64.608	4489.4
#3	4446.7	49352.	4741.4	64.892	4485.4

Sample Name: K2779-06 Acquired: 5/15/2019 13:34:33 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00071	-.00181	.00272	-.00006	-.00365	.01117	.05578	.00004
Stddev	.00083	.00109	.00073	.00341	.00131	.00424	.00019	.00001
%RSD	115.61	60.181	26.911	5683.6	35.893	37.998	.34702	16.779

#1	.00167	-.00106	.00191	.00388	-.00393	.01027	.05592	.00005
#2	.00020	-.00131	.00334	-.00206	-.00480	.00745	.05585	.00003
#3	.00028	-.00305	.00290	-.00200	-.00222	.01579	.05556	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	6.3600	-.00014	.00008	.00011	.01339	.02333	.28951
Stddev	.00005	.0106	.00027	.00015	.00018	.00035	.00005	.04654
%RSD	260.93	.16607	199.76	175.34	167.55	2.6458	.19411	16.074

#1	.00007	6.3566	.00002	-.00009	.00031	.01365	.02332	.29063
#2	-.00003	6.3718	.00003	.00016	.00003	.01354	.02329	.24242
#3	.00002	6.3515	-.00045	.00018	-.00002	.01299	.02338	.33547

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00070	.00003	113.49	-.00008	.02893	.16093	-.00006	.01254
Stddev	.00024	.00016	.27	.00021	.00020	.02229	.00022	.00309
%RSD	33.814	589.02	.23877	259.54	.69902	13.848	373.45	24.615

#1	-.00080	.00021	113.74	-.00031	.02883	.18268	.00001	.01413
#2	-.00088	-.00009	113.52	-.00006	.02880	.16197	.00012	.01451
#3	-.00043	-.00004	113.20	.00012	.02916	.13815	-.00030	.00898

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08448	.12384	-.00123	-.00004	.00017	-.0018	.02882	3.3974
Stddev	.00112	.01883	.00068	.00049	.00090	.0016	.00021	.1327
%RSD	1.3306	15.207	55.292	1263.2	535.97	89.32	.72861	3.9067

#1	.08577	.11152	-.00159	-.00059	-.00087	-.0036	.02889	3.5500
#2	.08373	.11448	-.00167	.00017	.00064	-.0013	.02899	3.3331
#3	.08393	.14552	-.00045	.00031	.00073	-.0005	.02859	3.3091

Sample Name: K2779-06 Acquired: 5/15/2019 13:34:33 Type: Unk
 Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .24431
 Stddev .30424
 %RSD 124.53

#1 .26762
 #2 .53622
 #3 -.07091

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4459.7	49510.	4701.5	63.616	4475.1
Stddev	8.4	60.	.7	2.343	4.0
%RSD	.18854	.12216	.01543	3.6835	.08983

#1	4457.4	49448.	4702.3	65.454	4479.4
#2	4469.0	49569.	4700.9	64.418	4471.4
#3	4452.7	49511.	4701.2	60.977	4474.6

Sample Name: K2801-06 Acquired: 5/15/2019 13:39:00 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00188	-.00145	-.00009	-.00426	-.00281	.01738	.07867	.00006
Stddev	.00178	.00205	.00058	.00134	.00064	.00297	.00049	.00007
%RSD	94.515	142.02	616.45	31.471	22.696	17.080	.62326	117.72

#1	-.00085	-.00215	-.00074	-.00555	-.00313	.01400	.07820	.00010
#2	-.00394	-.00306	.00040	-.00436	-.00323	.01857	.07863	-.00002
#3	-.00086	.00087	.00005	-.00288	-.00208	.01956	.07918	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	2.7714	-.00032	.00019	-.00046	.00085	.07298	.50206
Stddev	.00004	.0304	.00011	.00015	.00007	.00095	.00027	.07306
%RSD	48.511	1.0978	36.383	74.571	15.461	112.41	.36635	14.553

#1	.00006	2.7881	-.00018	.00021	-.00046	.00191	.07307	.41801
#2	.00008	2.7363	-.00037	.00033	-.00053	.00006	.07268	.55038
#3	.00014	2.7899	-.00040	.00004	-.00039	.00058	.07320	.53779

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00051	-.00063	110.20	-.00022	.03641	.21773	-.00005	.01339
Stddev	.00040	.00016	.20	.00009	.00033	.02346	.00002	.01704
%RSD	78.887	25.695	.17982	43.151	.89355	10.775	42.318	127.30

#1	-.00062	-.00055	110.40	-.00024	.03677	.24365	-.00006	.00825
#2	-.00085	-.00082	110.00	-.00030	.03634	.19796	-.00006	.03241
#3	-.00006	-.00052	110.19	-.00011	.03613	.21158	-.00002	-.00050

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11034	.12577	-.00140	-.00100	-.00193	.0003	.01233	3.5071
Stddev	.00134	.00085	.00088	.00128	.00185	.0001	.00005	.0980
%RSD	1.2139	.67260	63.211	127.59	95.840	51.21	.43517	2.7933

#1	.11187	.12652	-.00217	-.00247	-.00104	.0004	.01228	3.4412
#2	.10978	.12486	-.00159	-.00043	-.00406	.0004	.01239	3.6197
#3	.10937	.12594	-.00043	-.00011	-.00070	.0001	.01233	3.4604

Sample Name: K2801-06 Acquired: 5/15/2019 13:39:00 Type: Unk
 Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .32877
 Stddev .31269
 %RSD 95.110

#1 .22846
 #2 .07854
 #3 .67931

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4461.7	49848.	4818.3	64.682	4453.5
Stddev	2.4	133.	8.9	1.319	3.9
%RSD	.05462	.26692	.18370	2.0395	.08669

#1	4463.1	49718.	4821.1	63.920	4454.9
#2	4458.9	49984.	4825.4	63.921	4449.1
#3	4463.1	49842.	4808.4	66.205	4456.4

Sample Name: K2836-02 Acquired: 5/15/2019 13:43:25 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08370	-.01819	3.6032	-.00550	.00117	171.39	1.2827	.02109
Stddev	.00206	.00027	.0054	.00217	.00159	1.14	.0115	.00020
%RSD	2.4628	1.5044	.14882	39.433	135.94	.66234	.89612	.93986
#1	.08165	-.01816	3.5981	-.00778	.00014	170.75	1.2758	.02086
#2	.08577	-.01848	3.6028	-.00346	.00301	170.73	1.2763	.02120
#3	.08368	-.01794	3.6088	-.00525	.00037	172.71	1.2960	.02121
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00503	51.138	.31553	.16439	1.1901	276.59	5.7517	67.540
Stddev	.00011	.026	.00032	.00036	.0002	.32	.0235	.481
%RSD	2.1191	.05157	.10037	.21777	.01905	.11693	.40813	.71272
#1	.00491	51.108	.31549	.16401	1.1899	276.96	5.7672	67.534
#2	.00512	51.157	.31524	.16473	1.1903	276.44	5.7246	67.062
#3	.00506	51.149	.31587	.16443	1.1901	276.37	5.7631	68.024
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76192	-.01313	3.4162	.42894	2.8300	17.476	.01065	-.06128
Stddev	.00341	.00046	.0264	.00156	.0031	.142	.00021	.00586
%RSD	.44790	3.5048	.77368	.36482	.11069	.81421	2.0087	9.5709
#1	.75823	-.01337	3.3912	.43044	2.8308	17.391	.01089	-.05852
#2	.76258	-.01260	3.4134	.42732	2.8265	17.398	.01059	-.06801
#3	.76496	-.01342	3.4439	.42908	2.8326	17.641	.01048	-.05730
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8089	2.2299	.10684	4.0224	.21920	9.386	-.04151	<.00000
Stddev	.0026	.0055	.00073	.0087	.00187	.022	.00047	.32352
%RSD	.09264	.24845	.68025	.21558	.85338	.2388	1.1435	38.540
#1	2.8073	2.2276	.10696	4.0136	.22093	9.360	-.04206	-.50840
#2	2.8119	2.2258	.10606	4.0225	.21721	9.398	-.04120	-.85505
#3	2.8075	2.2362	.10750	4.0310	.21946	9.400	-.04128	-1.1549

Sample Name: K2836-02 Acquired: 5/15/2019 13:43:25 Type: Unk
 Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 105.29
 Stddev 1.24
 %RSD 1.1773

#1 106.72
 #2 104.62
 #3 104.52

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5084.9	56935.	5752.9	62.464	4085.0
Stddev	5.5	139.	29.4	.979	1.4
%RSD	.10763	.24336	.51048	1.5679	.03498

#1	5082.6	56913.	5722.1	63.472	4085.9
#2	5080.9	57084.	5756.0	61.516	4083.4
#3	5091.1	56809.	5780.6	62.404	4085.8

Sample Name: CCV02 Acquired: 5/15/2019 13:53:44 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2760	5.2933	5.2655	5.3236	5.2484	10.592	10.466	.26009
Stddev	.0181	.0169	.0051	.0193	.0170	.035	.096	.00050
%RSD	.34403	.31840	.09673	.36251	.32313	.32754	.91780	.19095
#1	5.2559	5.2831	5.2683	5.3023	5.2364	10.576	10.362	.26065
#2	5.2912	5.3128	5.2687	5.3286	5.2678	10.568	10.483	.25993
#3	5.2809	5.2841	5.2597	5.3399	5.2409	10.632	10.552	.25970
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6075	26.637	1.0505	2.5901	1.3030	5.2401	2.6230	25.917
Stddev	.0042	.198	.0045	.0062	.0019	.0139	.0098	.189
%RSD	.16155	.74436	.42963	.23735	.14402	.26491	.37182	.72953
#1	2.6030	26.413	1.0556	2.5830	1.3008	5.2400	2.6326	25.832
#2	2.6113	26.709	1.0471	2.5937	1.3038	5.2263	2.6131	25.785
#3	2.6081	26.789	1.0487	2.5935	1.3043	5.2541	2.6233	26.133
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6050	1.3343	25.840	2.6395	2.6048	26.142	5.2968	5.1635
Stddev	.0056	.0032	.088	.0043	.0066	.128	.0065	.0493
%RSD	.21705	.24143	.33908	.16262	.25479	.49014	.12356	.95416
#1	2.5986	1.3373	25.804	2.6401	2.5971	26.216	5.2892	5.1450
#2	2.6089	1.3309	25.777	2.6349	2.6093	25.994	5.3007	5.1262
#3	2.6077	1.3347	25.940	2.6434	2.6078	26.216	5.3003	5.2193
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2205	F 5.9321	5.2083	5.2342	5.2751	5.286	5.2766	F 3.5682
Stddev	.0365	.0144	.0081	.0170	.0134	.020	.0124	.1214
%RSD	.69915	.24306	.15479	.32401	.25434	.3709	.23422	3.4011
#1	5.1801	5.9220	5.2005	5.2164	5.2824	5.267	5.2630	3.4291
#2	5.2511	5.9486	5.2077	5.2362	5.2596	5.306	5.2797	3.6525
#3	5.2305	5.9257	5.2166	5.2501	5.2833	5.287	5.2871	3.6229

Sample Name: CCV02 Acquired: 5/15/2019 13:53:44 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.5790
Stddev .1102
%RSD 4.2727

#1 2.4842
#2 2.5530
#3 2.6999

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4381.7	49087.	4735.3	62.538	4305.1
Stddev	18.1	65.	6.5	1.514	19.7
%RSD	.41402	.13331	.13640	2.4204	.45775

#1	4382.0	49080.	4742.2	61.971	4308.3
#2	4363.4	49155.	4729.4	61.390	4284.0
#3	4399.7	49025.	4734.4	64.254	4323.1

Sample Name: CCB02 Acquired: 5/15/2019 13:57:51 Type: Unk
Method: P4-ICP2(v3124) 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	.00291	.00072	.00059	-.00438	-.00347	-.02670	.00062
Stddev	.00297	.00041	.00071	.00102	.00120	.00601	.00019
%RSD	102.03	56.731	119.61	23.201	34.661	22.523	31.162

#1	.00441	.00070	.00117	-.00425	-.00447	-.02213	.00054
#2	.00485	.00032	-.00020	-.00343	-.00381	-.03351	.00047
#3	-.00051	.00113	.00081	-.00545	-.00214	-.02447	.00083

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00001	-.00159	.00001	-.00004	-.00062	.00058
Stddev	.00003	.00007	.00818	.00057	.00009	.00032	.00038
%RSD	140.22	872.38	516.06	6500.1	259.90	51.430	65.801

#1	-.00003	.00006	-.00962	-.00063	-.00012	-.00075	.00070
#2	-.00005	.00000	-.00187	.00047	-.00005	-.00026	.00015
#3	.00001	-.00008	.00674	.00018	.00006	-.00086	.00088

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.03948	.00022	-.00035	-.01371	.00043	-.00012
Stddev	.00002	.03957	.00018	.00047	.00306	.00031	.00017
%RSD	61.532	100.23	84.522	132.55	22.292	73.018	144.81

#1	-.00004	-.08431	.00043	-.00038	-.01706	.00023	.00007
#2	-.00001	-.02475	.00010	.00013	-.01108	.00079	-.00026
#3	-.00002	-.00939	.00012	-.00081	-.01298	.00027	-.00016

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00280	.00041	.00587	-.00370	.00330	-.00030	-.00155
Stddev	.01295	.00033	.00965	.00234	.00138	.00042	.00138
%RSD	462.71	79.549	164.38	63.374	41.873	139.88	89.094

#1	-.00556	.00077	.01687	-.00337	.00489	-.00021	-.00279
#2	-.00376	.00034	.00196	-.00154	.00247	.00007	-.00179
#3	.01771	.00013	-.00121	-.00619	.00254	-.00077	-.00006

Sample Name: CCB02 Acquired: 5/15/2019 13:57:51 Type: Unk
 Method: P4-ICP2(v3124) 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	-.00220	-.0002	.00022	F 2.4003	F<.00000
Stddev	.00056	.0005	.00004	.1449	.16000
%RSD	25.259	209.5	18.053	6.0385	39.979

#1	-.00227	-.0004	.00025	2.2498	-.30790
#2	-.00161	-.0007	.00024	2.4122	-.58496
#3	-.00272	.0003	.00018	2.5390	-.30776

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4619.4	52265.	4914.0	67.131	4888.7
Stddev	6.7	66.	6.3	.928	.7
%RSD	.14414	.12680	.12732	1.3829	.01522

#1	4613.9	52212.	4906.9	67.983	4887.8
#2	4626.8	52245.	4918.6	67.267	4889.0
#3	4617.6	52339.	4916.5	66.142	4889.2

Sample Name: PB119747BL Acquired: 5/15/2019 14:02:19 Type: Unk
Method: P4-ICP2(v3124) 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	-.00030	-.00023	.00092	-.00201	-.00185	-.02884	.00046
Stddev	.00045	.00048	.00081	.00373	.00141	.00630	.00036
%RSD	149.38	210.75	88.639	186.03	76.090	21.843	77.877

#1	-.00046	-.00026	.00124	.00222	-.00038	-.02669	.00022
#2	.00021	.00026	-.00001	-.00486	-.00198	-.03593	.00029
#3	-.00064	-.00068	.00151	-.00338	-.00320	-.02389	.00088

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00001	.01118	.00007	-.00016	-.00074	-.00042
Stddev	.00004	.00002	.01915	.00012	.00018	.00018	.00063
%RSD	191.13	172.14	171.34	183.98	112.38	24.131	152.21

#1	.00003	.00001	.03080	.00018	-.00003	-.00086	-.00103
#2	-.00002	-.00003	-.00746	.00007	-.00008	-.00084	.00023
#3	.00005	-.00001	.01019	-.00006	-.00036	-.00054	-.00045

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.01841	.00040	-.00022	-.01694	.00038	-.00028
Stddev	.00005	.02022	.00018	.00025	.00229	.00007	.00008
%RSD	59.782	109.86	44.287	113.29	13.492	19.190	28.788

#1	-.00015	-.02314	.00028	-.00026	-.01751	.00031	-.00027
#2	-.00005	.00376	.00031	-.00045	-.01443	.00037	-.00020
#3	-.00006	-.03584	.00060	.00005	-.01889	.00045	-.00036

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02547	-.00007	.00195	-.00371	-.00042	-.00124	-.00004
Stddev	.03221	.00016	.01611	.00225	.00099	.00035	.00074
%RSD	126.48	233.88	828.25	60.777	238.11	28.345	1756.7

#1	-.06261	.00006	.01931	-.00492	-.00007	-.00085	-.00080
#2	-.00869	-.00002	-.01253	-.00111	-.00154	-.00132	-.00000
#3	-.00511	-.00024	-.00094	-.00510	.00036	-.00154	.00068

Sample Name: PB119747BL Acquired: 5/15/2019 14:02:19 Type: Unk
Method: P4-ICP2(v3124) 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	-.00124	-.0000	.00010	F 1.9891	F<.00000
Stddev	.00027	.0014	.00002	.0882	.30787
%RSD	21.691	2983.	22.239	4.4368	150.64

#1	-.00151	.0013	.00007	2.0472	.08230
#2	-.00098	-.0014	.00010	1.8875	-.16565
#3	-.00122	-.0001	.00012	2.0325	-.52977

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4608.8	51895.	4838.5	64.442	4895.8
Stddev	9.8	185.	28.0	1.793	5.3
%RSD	.21181	.35561	.57909	2.7817	.10739

#1	4612.5	51773.	4848.2	66.508	4901.4
#2	4616.2	51804.	4806.9	63.508	4891.0
#3	4597.7	52107.	4860.4	63.308	4895.0

Sample Name: PB119747BS Acquired: 5/15/2019 14:06:48 Type: Unk
Method: P4-ICP2(v3124) 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	.71136	1.8830	.92303	1.8744	.71823	1.7573	.18581
Stddev	.00339	.0030	.00350	.0082	.00083	.0101	.00080
%RSD	.47637	.16078	.37945	.43828	.11537	.57267	.43120

#1	.71450	1.8830	.92669	1.8833	.71782	1.7469	.18658
#2	.71181	1.8860	.91972	1.8725	.71918	1.7580	.18498
#3	.70777	1.8800	.92267	1.8672	.71768	1.7670	.18586

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18373	.18084	.97481	.38204	.18138	.29154	2.9018
Stddev	.00088	.00065	.00777	.00126	.00015	.00049	.0084
%RSD	.47656	.35826	.79672	.32954	.08169	.16972	.28937

#1	.18287	.18064	.96793	.38073	.18151	.29137	2.8931
#2	.18462	.18032	.97327	.38216	.18141	.29116	2.9099
#3	.18371	.18157	.98323	.38323	.18122	.29210	2.9025

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19309	1.8034	.46092	.06927	2.7697	.28400	.17873
Stddev	.00033	.0902	.00069	.00067	.0241	.00048	.00011
%RSD	.17084	5.0039	.15054	.97292	.87027	.16757	.06427

#1	.19293	1.7638	.46060	.06931	2.7794	.28441	.17873
#2	.19347	1.7397	.46045	.06992	2.7423	.28348	.17885
#3	.19287	1.9067	.46172	.06858	2.7875	.28412	.17862

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1730	.37469	.26731	F -.00944	.86781	.62245	.18232
Stddev	.0246	.00037	.01117	.00135	.00478	.00139	.00144
%RSD	.26792	.09756	4.1791	14.332	.55127	.22296	.79215

#1	9.1462	.37510	.27836	-.00938	.86974	.62156	.18074
#2	9.1785	.37453	.26756	-.00811	.87133	.62405	.18356
#3	9.1944	.37442	.25602	-.01082	.86237	.62173	.18267

Sample Name: PB119747BS Acquired: 5/15/2019 14:06:48 Type: Unk
Method: P4-ICP2(v3124) 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	.18825	F 5.015	.18719	F 2.4984	F<.00000
Stddev	.00304	.007	.00025	.1133	.31607
%RSD	1.6149	.1452	.13534	4.5356	24.970
#1	.18686	5.022	.18704	2.3676	-1.6227
#2	.19174	5.015	.18749	2.5595	-1.1532
#3	.18616	5.008	.18706	2.5680	-1.0214
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4592.4	51577.	4813.0	64.897	4796.2
Stddev	13.7	130.	36.7	2.038	12.4
%RSD	.29890	.25208	.76159	3.1404	.25769
#1	4579.4	51435.	4805.0	64.950	4783.1
#2	4591.2	51608.	4780.9	62.833	4797.9
#3	4606.7	51689.	4852.9	66.908	4807.6

Sample Name: PB119761BL Acquired: 5/15/2019 14:10:58 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00139	-.00003	-.00015	-.00575	-.00205	-.01917	.00028	.00002
Stddev	.00041	.00136	.00047	.00425	.00088	.01106	.00048	.00001
%RSD	29.121	4328.4	302.15	73.896	43.046	57.718	170.15	33.373
#1	-.00151	-.00034	-.00060	-.00237	-.00297	-.01320	-.00027	.00001
#2	-.00172	.00146	-.00020	-.00435	-.00194	-.03193	.00056	.00003
#3	-.00094	-.00121	.00033	-.01051	-.00122	-.01236	.00055	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00525	-.00007	-.00012	-.00052	-.00003	.00002	.00968
Stddev	.00006	.00686	.00040	.00008	.00002	.00065	.00010	.01164
%RSD	88.933	130.61	570.12	68.757	3.6230	2164.3	601.69	120.24
#1	-.00012	.00258	-.00053	-.00007	-.00053	.00059	-.00008	.01529
#2	-.00001	-.00815	.00019	-.00008	-.00054	-.00070	.00000	-.00370
#3	-.00006	-.01019	.00013	-.00022	-.00050	.00002	.00013	.01746
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	-.00021	-.02968	.00052	-.00038	-.05344	.00011	-.00173
Stddev	.00021	.00008	.00600	.00031	.00010	.02637	.00010	.01133
%RSD	104.39	38.089	20.209	60.259	25.037	49.347	83.357	655.34
#1	-.00004	-.00023	-.03023	.00057	-.00027	-.02960	.00022	-.01187
#2	.00035	-.00027	-.02343	.00080	-.00042	-.08177	.00006	-.00381
#3	.00028	-.00012	-.03539	.00018	-.00046	-.04896	.00005	.01050
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00329	.00060	-.00177	-.00070	-.00508	-.0004	.00014	F 2.2013
Stddev	.00099	.00120	.00032	.00122	.00077	.0007	.00007	.1005
%RSD	30.086	199.59	18.259	174.62	15.124	182.7	50.510	4.5631
#1	-.00436	.00160	-.00140	-.00203	-.00593	-.0001	.00011	2.1373
#2	-.00241	-.00073	-.00200	.00037	-.00485	.0001	.00022	2.3171
#3	-.00311	.00093	-.00190	-.00043	-.00445	-.0012	.00008	2.1496

Sample Name: PB119761BL Acquired: 5/15/2019 14:10:58 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .01873
Stddev	.35857
%RSD	1914.6

#1	-.37065
#2	.09151
#3	.33532

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4623.6	52108.	4797.7	66.183	4922.1
Stddev	3.9	7.	27.5	1.075	5.4
%RSD	.08384	.01349	.57253	1.6249	.10962

#1	4626.5	52116.	4790.2	67.425	4926.5
#2	4625.0	52105.	4828.2	65.575	4923.7
#3	4619.2	52102.	4774.8	65.550	4916.1

Sample Name: PB119761BS Acquired: 5/15/2019 14:15:25 Type: Unk
Method: P4-ICP2(v3124) 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	.74007	1.9182	.95532	1.8848	.73899	1.8483	.19783
Stddev	.00306	.0040	.00461	.0078	.00076	.0080	.00017
%RSD	.41318	.21114	.48258	.41267	.10282	.43108	.08579

#1	.74331	1.9135	.95051	1.8758	.73868	1.8392	.19800
#2	.73966	1.9200	.95576	1.8895	.73986	1.8543	.19766
#3	.73724	1.9210	.95969	1.8891	.73844	1.8512	.19784

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18323	.18471	1.0467	.40544	.19226	.30073	3.0381
Stddev	.00033	.00065	.0061	.00138	.00036	.00057	.0042
%RSD	.18158	.35020	.58424	.34144	.18477	.18825	.13753

#1	.18356	.18430	1.0405	.40577	.19190	.30058	3.0344
#2	.18289	.18437	1.0470	.40392	.19261	.30025	3.0371
#3	.18323	.18546	1.0527	.40662	.19228	.30136	3.0426

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20112	1.8740	.48139	.07008	2.9250	.30411	.18216
Stddev	.00064	.0481	.00251	.00031	.0058	.00124	.00070
%RSD	.31951	2.5663	.52120	.43944	.19875	.40678	.38308

#1	.20186	1.8384	.47849	.06974	2.9189	.30553	.18142
#2	.20070	1.9287	.48276	.07013	2.9257	.30349	.18223
#3	.20080	1.8550	.48291	.07035	2.9305	.30330	.18281

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5489	.39932	.28003	F -.00413	.92114	.64174	.19186
Stddev	.0732	.00097	.00868	.00107	.00393	.00035	.00103
%RSD	.76615	.24330	3.0980	25.798	.42623	.05423	.53546

#1	9.4733	.39824	.28778	-.00534	.92493	.64151	.19254
#2	9.5542	.39961	.27066	-.00373	.92140	.64157	.19068
#3	9.6193	.40011	.28164	-.00332	.91709	.64215	.19237

Sample Name: PB119761BS Acquired: 5/15/2019 14:15:25 Type: Unk
 Method: P4-ICP2(v3124) 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	.19992	5.127	.20046	F 3.2412	F<.00000
Stddev	.00361	.021	.00034	.1470	.14508
%RSD	1.8036	.4180	.17164	4.5365	10.402
#1	.20140	5.103	.20029	3.0840	-1.4480
#2	.20256	5.145	.20086	3.3753	-1.2305
#3	.19581	5.132	.20025	3.2642	-1.5056
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4436.0	50739.	4700.6	63.697	4653.0
Stddev	17.8	135.	30.6	.496	9.2
%RSD	.40186	.26509	.65132	.77843	.19745
#1	4415.8	50593.	4676.8	63.967	4643.2
#2	4442.5	50769.	4689.9	63.125	4654.4
#3	4449.6	50857.	4735.1	64.000	4661.4

Sample Name: PB119761TB Acquired: 5/15/2019 14:19:31 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00096	-.00363	-.00019	.00013	-.00152	-.01874	.00036	.00000
Stddev	.00027	.00104	.00051	.00214	.00094	.00794	.00028	.00002
%RSD	27.697	28.646	265.30	1675.3	61.551	42.376	77.705	3848.5
#1	-.00076	-.00319	-.00006	.00124	-.00258	-.00987	.00064	.00000
#2	-.00126	-.00289	.00024	-.00233	-.00120	-.02518	.00035	.00002
#3	-.00086	-.00482	-.00075	.00148	-.00079	-.02118	.00008	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	.01055	.00054	-.00044	-.00001	.00192	.00006	-.06487
Stddev	.00004	.00980	.00034	.00015	.00046	.00043	.00004	.01335
%RSD	24.798	92.967	63.206	33.314	3994.7	22.238	75.772	20.581
#1	-.00015	.02123	.00084	-.00060	.00049	.00167	.00008	-.08029
#2	-.00013	.00197	.00062	-.00040	-.00011	.00242	.00008	-.05696
#3	-.00020	.00844	.00017	-.00032	-.00042	.00169	.00001	-.05737
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00181	.00126	F 341.24	.00028	.00233	.00721	.00011	.01400
Stddev	.00023	.00039	1.79	.00034	.00015	.03288	.00020	.01610
%RSD	12.481	30.670	.52352	119.76	6.3842	456.20	182.87	114.98
#1	.00193	.00110	339.67	.00020	.00243	.03194	.00005	.03114
#2	.00194	.00170	343.19	-.00000	.00216	-.03011	.00033	.01165
#3	.00155	.00098	340.87	.00065	.00241	.01979	-.00005	-.00079
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00276	.00748	-.00025	-.00184	-.00196	-.0005	.00018	4.5845
Stddev	.00361	.00171	.00038	.00044	.00054	.0022	.00004	.0316
%RSD	130.88	22.867	154.73	23.883	27.682	456.6	22.259	.69016
#1	.00693	.00945	-.00051	-.00215	-.00249	.0021	.00021	4.5555
#2	.00080	.00635	-.00043	-.00134	-.00141	-.0018	.00013	4.5799
#3	.00055	.00664	.00019	-.00204	-.00199	-.0018	.00019	4.6182

Sample Name: PB119761TB Acquired: 5/15/2019 14:19:31 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.25437
%RSD	273.04

#1	-.10947
#2	-.33898
#3	.16897

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4228.6	47309.	4763.1	63.300	4173.0
Stddev	4.0	140.	40.5	.944	11.7
%RSD	.09476	.29495	.84964	1.4920	.27951

#1	4231.4	47214.	4716.7	63.133	4161.7
#2	4230.4	47244.	4791.6	62.450	4172.4
#3	4224.0	47470.	4780.8	64.317	4185.0

Sample Name: K2844-01 Acquired: 5/15/2019 14:24:07 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00174	.00027	-.00104	-.00031	-.00306	-.01987	.00045	.00005
Stddev	.00073	.00093	.00025	.00340	.00188	.00782	.00060	.00002
%RSD	41.873	343.92	24.255	1097.6	61.219	39.342	131.57	37.322

#1	.00205	.00092	-.00113	-.00261	-.00510	-.02030	.00113	.00003
#2	.00226	.00069	-.00076	-.00192	-.00140	-.01185	.00021	.00007
#3	.00091	-.00080	-.00124	.00360	-.00270	-.02746	.00002	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.02863	.00018	.00015	-.00017	.00151	.00146	-.02416
Stddev	.00005	.01679	.00035	.00016	.00016	.00009	.00002	.02303
%RSD	435.28	58.666	194.54	106.42	99.174	6.1074	1.5000	95.304

#1	.00001	.00966	.00018	-.00003	-.00030	.00143	.00144	-.00040
#2	-.00004	.04160	-.00017	.00022	.00002	.00150	.00149	-.02572
#3	.00006	.03463	.00053	.00027	-.00022	.00161	.00145	-.04637

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00083	-.00053	.13364	.00017	-.00029	-.03354	-.00011	.00005
Stddev	.00015	.00004	.00186	.00042	.00003	.00968	.00002	.00594
%RSD	18.662	6.9222	1.3904	250.52	11.952	28.850	14.398	12144.

#1	.00091	-.00051	.13253	-.00007	-.00031	-.03879	-.00010	-.00665
#2	.00065	-.00057	.13260	.00065	-.00025	-.03946	-.00013	.00465
#3	.00093	-.00051	.13578	-.00008	-.00030	-.02237	-.00010	.00215

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00125	.02040	-.00080	-.00135	-.00619	.0003	.00012	.73747
Stddev	.00246	.00381	.00060	.00147	.00150	.0019	.00012	.14745
%RSD	197.50	18.673	74.463	108.83	24.255	735.8	104.43	19.994

#1	.00059	.01605	-.00085	-.00153	-.00790	.0012	.00015	.76089
#2	-.00405	.02313	-.00019	.00020	-.00555	-.0019	.00022	.57971
#3	-.00028	.02201	-.00138	-.00273	-.00511	.0015	-.00002	.87180

Sample Name: K2844-01 Acquired: 5/15/2019 14:24:07 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .39101
%RSD 201.34

#1 -.63894
#2 -.03931
#3 .09562

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4806.6	54095.	5019.7	69.731	5191.8
Stddev	8.1	27.	20.4	1.969	7.7
%RSD	.16860	.04984	.40591	2.8239	.14814

#1	4804.4	54068.	5015.6	68.717	5192.3
#2	4799.9	54094.	5001.6	68.475	5183.9
#3	4815.6	54122.	5041.8	72.000	5199.3

Sample Name: K2844-03 Acquired: 5/15/2019 14:28:34 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00284	-.00152	.00621	-.00080	-.00194	.26755	.04870	.00003
Stddev	.00160	.00027	.00053	.00188	.00080	.01201	.00023	.00003
%RSD	56.183	17.693	8.4571	235.65	40.928	4.4892	.47807	124.72

#1	.00107	-.00142	.00576	.00094	-.00226	.28142	.04897	.00003
#2	.00331	-.00183	.00679	-.00279	-.00104	.26075	.04858	.00006
#3	.00416	-.00132	.00608	-.00054	-.00253	.26048	.04856	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	17.245	.00472	.00032	.04416	.59118	.02586	3.7717
Stddev	.00004	.011	.00049	.00011	.00035	.00635	.00016	.0289
%RSD	1262.2	.06345	10.293	33.940	.79906	1.0745	.62741	.76544

#1	.00003	17.257	.00514	.00040	.04420	.58774	.02567	3.8045
#2	-.00005	17.237	.00419	.00020	.04450	.59852	.02592	3.7500
#3	.00002	17.240	.00483	.00035	.04379	.58730	.02598	3.7606

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00227	-.00062	19.870	.00327	.07999	5.8812	.00109	.02638
Stddev	.00015	.00016	.035	.00022	.00012	.0396	.00023	.00442
%RSD	6.5268	25.207	.17856	6.7279	.15377	.67294	21.220	16.760

#1	.00234	-.00051	19.879	.00346	.08012	5.9044	.00135	.03005
#2	.00238	-.00080	19.900	.00333	.07988	5.9036	.00102	.02762
#3	.00210	-.00054	19.831	.00303	.07999	5.8355	.00090	.02147

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4676	2.4958	-.00173	.01451	-.00264	.3535	.06642	1.5106
Stddev	.0093	.0171	.00080	.00329	.00104	.0004	.00027	.0928
%RSD	.37799	.68646	46.208	22.685	39.479	.1008	.41355	6.1433

#1	2.4697	2.4943	-.00207	.01791	-.00286	.3532	.06630	1.4163
#2	2.4574	2.4795	-.00232	.01429	-.00150	.3533	.06623	1.5136
#3	2.4757	2.5137	-.00082	.01133	-.00355	.3539	.06674	1.6019

Sample Name: K2844-03 Acquired: 5/15/2019 14:28:34 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .07982
Stddev .53765
%RSD 673.56

#1 -.37002
#2 .67529
#3 -.06580

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4600.1	51836.	4928.4	66.585	4836.5
Stddev	8.2	159.	17.8	1.070	3.5
%RSD	.17769	.30683	.36034	1.6074	.07220

#1	4600.6	51933.	4945.9	67.267	4833.0
#2	4591.8	51653.	4928.9	67.137	4836.4
#3	4608.1	51922.	4910.4	65.352	4840.0

Sample Name: K2844-04 Acquired: 5/15/2019 14:32:55 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 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	-.00028	.00546	-.00078	-.00231	.25551	.04648	.00006
Stddev	.00175	.00103	.00107	.00167	.00124	.01221	.00064	.00005
%RSD	303.46	373.07	19.541	214.38	53.567	4.7796	1.3698	97.889

#1	.00063	.00068	.00539	.00045	-.00374	.25210	.04574	.00012
#2	.00229	-.00014	.00444	-.00011	-.00151	.26906	.04680	.00003
#3	-.00120	-.00137	.00657	-.00269	-.00169	.24536	.04688	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	16.410	.00458	.00012	.04204	.55925	.02431	3.6727
Stddev	.00007	.031	.00045	.00014	.00028	.00261	.00007	.0623
%RSD	953.42	.19142	9.7573	118.77	.65867	.46634	.30518	1.6973

#1	-.00003	16.441	.00494	-.00002	.04225	.56223	.02440	3.6057
#2	.00009	16.412	.00408	.00025	.04216	.55741	.02427	3.7290
#3	-.00004	16.378	.00472	.00012	.04173	.55810	.02427	3.6834

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00215	-.00064	18.927	.00311	.07148	5.5824	.00104	.02392
Stddev	.00018	.00012	.094	.00031	.00031	.0283	.00013	.00798
%RSD	8.1976	17.955	.49834	9.8931	.42725	.50756	12.445	33.375

#1	.00216	-.00066	18.821	.00347	.07122	5.5549	.00101	.02299
#2	.00197	-.00052	18.961	.00296	.07140	5.5808	.00118	.03233
#3	.00232	-.00076	19.000	.00292	.07182	5.6115	.00092	.01644

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3632	2.3578	-.00200	.01715	-.00484	.3376	.06336	1.8789
Stddev	.0149	.0247	.00089	.00206	.00149	.0024	.00012	.1151
%RSD	.62832	1.0459	44.383	12.001	30.737	.7195	.19704	6.1232

#1	2.3511	2.3861	-.00114	.01630	-.00312	.3377	.06337	1.7467
#2	2.3588	2.3465	-.00195	.01565	-.00571	.3351	.06324	1.9338
#3	2.3798	2.3409	-.00292	.01949	-.00567	.3400	.06349	1.9563

Sample Name: K2844-04 Acquired: 5/15/2019 14:32:55 Type: Unk
 Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .38002
 Stddev .19593
 %RSD 51.559

#1 .46061
 #2 .15664
 #3 .52280

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4606.7	51996.	4953.8	66.270	4846.4
Stddev	9.6	63.	39.9	2.456	10.3
%RSD	.20765	.12081	.80619	3.7056	.21352

#1	4597.1	51947.	4908.7	66.212	4844.7
#2	4606.8	51976.	4984.6	63.843	4857.5
#3	4616.2	52067.	4968.1	68.754	4837.0

Sample Name: K2844-07 Acquired: 5/15/2019 14:37:16 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00148	-.00022	.00247	-.00183	-.00298	.07328	.01247	-.00000
Stddev	.00202	.00005	.00065	.00138	.00146	.00195	.00052	.00004
%RSD	136.83	24.976	26.182	75.566	49.110	2.6592	4.1328	9298.6

#1	.00099	-.00015	.00321	-.00023	-.00280	.07285	.01241	-.00004
#2	-.00025	-.00025	.00200	-.00261	-.00162	.07158	.01199	.00005
#3	.00370	-.00025	.00221	-.00264	-.00452	.07541	.01302	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	7.5520	.00067	.00005	.03240	.13544	.01313	1.6923
Stddev	.00003	.0478	.00028	.00005	.00017	.00104	.00011	.0466
%RSD	71.945	.63328	41.042	94.579	.51519	.76849	.86784	2.7537

#1	.00005	7.5317	.00090	.00006	.03247	.13572	.01323	1.7277
#2	.00001	7.5177	.00037	-.00000	.03251	.13428	.01301	1.6395
#3	.00007	7.6066	.00075	.00009	.03220	.13630	.01316	1.7096

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00219	-.00045	10.608	.00164	.13184	2.0937	.00037	.03804
Stddev	.00009	.00017	.043	.00026	.00034	.0315	.00005	.00793
%RSD	4.0801	38.322	.40995	15.823	.25739	1.5049	13.397	20.846

#1	.00217	-.00043	10.595	.00188	.13146	2.0970	.00040	.03183
#2	.00229	-.00063	10.573	.00169	.13195	2.1234	.00031	.04697
#3	.00212	-.00029	10.657	.00136	.13211	2.0607	.00038	.03532

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2792	.82103	-.00199	.00291	-.00456	.1345	.03721	2.4807
Stddev	.0049	.00571	.00060	.00146	.00140	.0015	.00016	.2372
%RSD	.38480	.69550	29.933	50.067	30.710	1.097	.43895	9.5618

#1	1.2789	.81962	-.00153	.00456	-.00525	.1360	.03702	2.4308
#2	1.2744	.81615	-.00266	.00237	-.00295	.1330	.03732	2.7388
#3	1.2842	.82731	-.00178	.00180	-.00549	.1346	.03730	2.2723

Sample Name: K2844-07 Acquired: 5/15/2019 14:37:16 Type: Unk
 Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .07792
 Stddev .30378
 %RSD 389.85

#1 -.20272
 #2 .40048
 #3 .03601

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4624.7	52890.	5100.2	70.685	4897.7
Stddev	6.6	243.	13.9	1.280	10.9
%RSD	.14273	.45993	.27334	1.8112	.22338

#1	4631.5	52800.	5090.8	69.408	4909.2
#2	4618.3	53166.	5116.2	70.678	4896.5
#3	4624.2	52706.	5093.6	71.969	4887.5

Sample Name: K2844-07DUP Acquired: 5/15/2019 14:41:40 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00040	-.00105	.00204	-.00192	-.00362	.06955	.01244	.00005
Stddev	.00459	.00091	.00167	.00024	.00101	.00731	.00032	.00011
%RSD	1142.5	87.201	81.938	12.633	27.809	10.513	2.5796	212.28

#1	.00292	-.00042	.00288	-.00168	-.00476	.06792	.01270	-.00002
#2	.00318	-.00063	.00011	-.00217	-.00322	.06319	.01255	.00018
#3	-.00490	-.00210	.00311	-.00192	-.00287	.07754	.01208	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	7.5172	.00058	-.00001	.03243	.13305	.01297	1.5780
Stddev	.00006	.0386	.00021	.00009	.00026	.00058	.00007	.0117
%RSD	617.29	.51416	36.247	1151.9	.80115	.43511	.57061	.74290

#1	-.00004	7.4826	.00080	.00007	.03216	.13244	.01291	1.5705
#2	-.00005	7.5102	.00055	-.00011	.03245	.13311	.01296	1.5721
#3	.00006	7.5589	.00038	.00001	.03268	.13360	.01306	1.5915

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00215	-.00064	10.435	.00145	.13555	2.0452	.00040	.03745
Stddev	.00019	.00044	.047	.00040	.00037	.0219	.00007	.01446
%RSD	8.8230	68.813	.45155	27.222	.27091	1.0697	17.387	38.621

#1	.00222	-.00072	10.435	.00154	.13550	2.0541	.00047	.02595
#2	.00194	-.00016	10.388	.00180	.13595	2.0612	.00040	.05369
#3	.00230	-.00102	10.482	.00102	.13522	2.0203	.00033	.03271

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2567	.82269	-.00218	.00306	-.00294	.1333	.03704	2.4099
Stddev	.0046	.00896	.00060	.00004	.00125	.0020	.00012	.1130
%RSD	.36969	1.0895	27.599	1.2411	42.602	1.506	.33305	4.6873

#1	1.2593	.81236	-.00197	.00305	-.00243	.1343	.03698	2.3592
#2	1.2594	.82729	-.00171	.00311	-.00437	.1345	.03718	2.3312
#3	1.2513	.82842	-.00286	.00304	-.00203	.1310	.03696	2.5393

Sample Name: K2844-07DUP Acquired: 5/15/2019 14:41:40 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .03495
Stddev .25359
%RSD 725.63

#1 -.21700
#2 .03169
#3 .29015

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4633.1	52765.	5031.2	69.899	4913.3
Stddev	4.5	95.	21.4	2.410	5.0
%RSD	.09791	.17938	.42617	3.4471	.10129

#1	4637.8	52679.	5055.1	71.727	4914.6
#2	4628.8	52866.	5025.0	67.169	4907.9
#3	4632.8	52751.	5013.6	70.803	4917.6

Sample Name: CCV03 Acquired: 5/15/2019 14:46:05 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9164	4.9328	4.9196	4.9598	4.9064	9.7787	10.042	.24462
Stddev	.0113	.0077	.0090	.0032	.0093	.0548	.061	.00068
%RSD	.22916	.15672	.18307	.06539	.18880	.56036	.61009	.27813
#1	4.9277	4.9337	4.9220	4.9583	4.9143	9.7159	9.9876	.24385
#2	4.9051	4.9246	4.9096	4.9636	4.9088	9.8030	10.109	.24516
#3	4.9163	4.9399	4.9271	4.9577	4.8962	9.8172	10.031	.24484
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4338	25.112	.99389	2.4178	1.2152	4.9681	2.4889	24.424
Stddev	.0028	.123	.00082	.0032	.0039	.0024	.0079	.236
%RSD	.11452	.49128	.08248	.13379	.31740	.04763	.31612	.96769
#1	2.4357	24.990	.99324	2.4202	1.2192	4.9695	2.4826	24.179
#2	2.4306	25.237	.99361	2.4141	1.2149	4.9694	2.4977	24.444
#3	2.4350	25.108	.99481	2.4191	1.2115	4.9654	2.4863	24.650
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4449	1.2648	24.580	2.4971	2.4429	24.793	5.0319	4.8866
Stddev	.0042	.0017	.128	.0026	.0022	.090	.0096	.0278
%RSD	.17214	.13645	.52024	.10221	.09099	.36211	.19115	.56781
#1	2.4480	1.2639	24.472	2.4949	2.4454	24.728	5.0419	4.8729
#2	2.4401	1.2668	24.721	2.4966	2.4412	24.895	5.0310	4.8684
#3	2.4466	1.2638	24.547	2.4999	2.4421	24.756	5.0227	4.9185
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9118	5.0868	4.9386	4.9819	4.9887	4.969	5.0562	F 3.2728
Stddev	.0137	.0186	.0092	.0328	.0249	.006	.0298	.1533
%RSD	.27824	.36524	.18700	.65872	.49822	.1286	.58879	4.6834
#1	4.9153	5.0724	4.9444	4.9446	4.9625	4.962	5.0279	3.4163
#2	4.8967	5.0802	4.9279	4.9948	5.0119	4.971	5.0872	3.1113
#3	4.9233	5.1077	4.9433	5.0063	4.9918	4.974	5.0534	3.2907

Sample Name: CCV03 Acquired: 5/15/2019 14:46:05 Type: Unk
 Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.5607
Stddev	.1470
%RSD	5.7414

#1	2.5346
#2	2.4284
#3	2.7190

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4441.8	49453.	4786.0	63.326	4384.4
Stddev	21.7	29.	7.1	.598	13.7
%RSD	.48862	.05956	.14875	.94421	.31143

#1	4423.1	49454.	4790.9	63.800	4371.7
#2	4436.8	49423.	4777.8	63.523	4382.5
#3	4465.6	49482.	4789.3	62.654	4398.8

Sample Name: CCB03 Acquired: 5/15/2019 14:50:03 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00125	.00023	.00032	-.00363	-.00133	-.02495	.00078	.00001
Stddev	.00233	.00045	.00113	.00200	.00022	.01140	.00025	.00005
%RSD	185.90	196.20	357.07	55.035	16.279	45.710	32.285	388.05
#1	-.00095	-.00017	.00030	-.00572	-.00109	-.01179	.00102	.00006
#2	.00370	.00072	.00145	-.00344	-.00138	-.03184	.00052	-.00004
#3	.00102	.00014	-.00080	-.00174	-.00151	-.03122	.00081	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.01256	.00002	.00001	-.00079	-.00003	-.00009	-.05698
Stddev	.00007	.00959	.00032	.00019	.00028	.00053	.00006	.04686
%RSD	842.73	76.397	1744.2	1436.0	35.496	1648.3	60.333	82.246
#1	.00000	-.02362	.00038	.00022	-.00047	.00058	-.00016	-.09149
#2	.00008	-.00644	-.00021	-.00015	-.00100	-.00039	-.00006	-.00363
#3	-.00006	-.00762	-.00011	-.00002	-.00089	-.00028	-.00006	-.07581
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	-.00045	-.01041	.00035	-.00008	-.03236	.00037	.00495
Stddev	.00019	.00013	.00551	.00026	.00002	.02335	.00037	.00433
%RSD	130.70	28.543	52.966	73.666	28.405	72.170	100.91	87.370
#1	-.00005	-.00060	-.01560	.00006	-.00010	-.04046	.00077	.00006
#2	.00016	-.00035	-.01099	.00054	-.00009	-.05058	.00004	.00653
#3	.00033	-.00041	-.00463	.00046	-.00006	-.00603	.00029	.00827
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00197	.00023	.00030	-.00073	-.00110	-.0009	.00010	F 1.7345
Stddev	.00208	.00066	.00030	.00113	.00259	.0006	.00005	.0777
%RSD	105.27	291.72	101.92	155.29	236.16	69.86	50.071	4.4802
#1	-.00433	.00021	.00005	-.00027	-.00182	-.0015	.00005	1.6964
#2	-.00117	.00090	.00021	-.00202	-.00325	-.0002	.00012	1.8239
#3	-.00041	-.00043	.00063	.00010	.00178	-.0010	.00014	1.6831

Sample Name: CCB03 Acquired: 5/15/2019 14:50:03 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .11063
Stddev	.12144
%RSD	109.77

#1	-.01678
#2	.22505
#3	.12363

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4654.8	52427.	4870.4	66.500	4959.7
Stddev	8.6	177.	21.7	1.313	5.9
%RSD	.18490	.33796	.44479	1.9739	.11916

#1	4646.3	52472.	4853.3	66.258	4954.1
#2	4663.5	52231.	4894.7	67.917	4965.9
#3	4654.7	52577.	4863.0	65.325	4959.1

Sample Name: K2844-07LX5 Acquired: 5/15/2019 14:54:32 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	-.00075	.00080	-.00290	-.00186	-.00403	.00316	.00001
Stddev	.00242	.00071	.00090	.00106	.00054	.00050	.00028	.00003
%RSD	688.58	94.360	112.75	36.571	28.790	12.276	8.9165	243.62

#1	.00203	-.00039	.00166	-.00246	-.00245	-.00447	.00295	-.00000
#2	-.00027	-.00030	-.00014	-.00214	-.00174	-.00413	.00348	.00004
#3	-.00281	-.00157	.00087	-.00412	-.00140	-.00350	.00305	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	1.6069	.00021	.00005	.00611	.02826	.00277	.29603
Stddev	.00004	.0131	.00027	.00017	.00047	.00117	.00003	.05279
%RSD	814.63	.81650	128.41	337.47	7.6463	4.1538	1.2575	17.834

#1	-.00004	1.6192	-.00008	-.00014	.00628	.02754	.00278	.23508
#2	-.00002	1.6083	.00025	.00011	.00558	.02763	.00273	.32554
#3	.00004	1.5931	.00045	.00019	.00646	.02961	.00280	.32747

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00060	-.00068	2.1874	.00039	.02718	.42809	.00037	.01728
Stddev	.00020	.00026	.0056	.00022	.00012	.01176	.00013	.00746
%RSD	33.080	38.558	.25598	56.642	.44279	2.7472	35.222	43.143

#1	.00081	-.00099	2.1851	.00016	.02713	.41471	.00046	.00917
#2	.00059	-.00058	2.1832	.00042	.02709	.43677	.00041	.02384
#3	.00041	-.00049	2.1937	.00060	.02731	.43280	.00022	.01883

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26619	.18297	-.00144	.00009	-.00350	.0274	.00799	2.0959
Stddev	.00150	.00111	.00022	.00060	.00055	.0005	.00001	.1749
%RSD	.56295	.60592	15.535	684.59	15.586	1.946	.14808	8.3438

#1	.26536	.18311	-.00146	.00076	-.00388	.0274	.00798	1.9988
#2	.26528	.18180	-.00121	-.00038	-.00287	.0280	.00798	2.2977
#3	.26792	.18400	-.00166	-.00012	-.00374	.0269	.00800	1.9911

Sample Name: K2844-07LX5 Acquired: 5/15/2019 14:54:32 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.20693
%RSD	1252.8

#1	-.13559
#2	-.13638
#3	.22242

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4667.5	52656.	4912.3	66.397	4956.7
Stddev	3.8	197.	17.9	1.665	8.9
%RSD	.08174	.37365	.36470	2.5080	.17948

#1	4669.9	52428.	4892.0	67.617	4957.4
#2	4669.4	52774.	4919.0	64.500	4965.1
#3	4663.1	52764.	4926.0	67.075	4947.4

Sample Name: K2844-07MS Acquired: 5/15/2019 14:59:01 Type: Unk
Method: P4-ICP2(v3124) 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	.81254	2.0813	1.0290	2.1107	.77235	2.0685	.22352
Stddev	.00275	.0075	.0031	.0063	.00143	.0027	.00133
%RSD	.33865	.35914	.29627	.29638	.18560	.13184	.59481

#1	.81061	2.0879	1.0308	2.1133	.77390	2.0659	.22408
#2	.81569	2.0828	1.0308	2.1153	.77107	2.0684	.22200
#3	.81132	2.0731	1.0255	2.1036	.77207	2.0714	.22447

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20635	.19928	8.3136	.42198	.20213	.35217	3.3254
Stddev	.00051	.00074	.0131	.00132	.00061	.00164	.0034
%RSD	.24691	.36889	.15743	.31291	.30243	.46497	.10280

#1	.20583	.20010	8.2988	.42218	.20274	.35391	3.3261
#2	.20636	.19907	8.3237	.42318	.20213	.35196	3.3285
#3	.20685	.19867	8.3183	.42056	.20152	.35065	3.3217

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22078	3.5591	.50959	.07632	13.261	.31779	.32668
Stddev	.00028	.0370	.00186	.00059	.045	.00115	.00111
%RSD	.12816	1.0405	.36579	.77636	.34277	.36325	.33915

#1	.22063	3.6001	.51036	.07700	13.309	.31682	.32753
#2	.22060	3.5282	.51095	.07588	13.219	.31907	.32707
#3	.22110	3.5489	.50747	.07609	13.255	.31748	.32543

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.199	.39697	.33247	1.2364	1.7004	.65864	.19803
Stddev	.114	.00081	.00974	.0013	.0095	.00157	.00053
%RSD	.93685	.20449	2.9288	.10869	.55945	.23854	.26553

#1	12.326	.39746	.32193	1.2363	1.6895	.66043	.19747
#2	12.105	.39742	.33435	1.2351	1.7067	.65800	.19852
#3	12.167	.39604	.34113	1.2378	1.7051	.65749	.19809

Sample Name: K2844-07MS Acquired: 5/15/2019 14:59:01 Type: Unk
Method: P4-ICP2(v3124) 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	.19900	5.875	.24113	3.1233	F<.00000
Stddev	.00275	.020	.00056	.1336	.10199
%RSD	1.3813	.3335	.23378	4.2783	10.027

#1	.19902	5.897	.24054	3.2004	-1.0837
#2	.20173	5.866	.24167	3.2004	-.89973
#3	.19624	5.861	.24117	2.9690	-1.0681

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4606.1	52587.	5046.7	67.477	4785.2
Stddev	5.4	30.	26.1	2.180	7.7
%RSD	.11681	.05785	.51675	3.2314	.16132

#1	4600.8	52554.	5068.9	65.983	4776.4
#2	4605.9	52592.	5018.0	66.470	4788.6
#3	4611.6	52614.	5053.3	69.979	4790.7

Sample Name: K2844-07MSD Acquired: 5/15/2019 15:03:08 Type: Unk
Method: P4-ICP2(v3124) 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	.83199	2.1459	1.0591	2.1563	.78093	2.1229	.22989
Stddev	.00168	.0070	.0031	.0075	.00423	.0209	.00192
%RSD	.20196	.32779	.29494	.34821	.54147	.98341	.83692

#1	.83390	2.1392	1.0627	2.1488	.78566	2.1134	.22789
#2	.83073	2.1532	1.0572	2.1564	.77965	2.1468	.23172
#3	.83134	2.1454	1.0575	2.1638	.77750	2.1084	.23007

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20977	.20407	8.5103	.43545	.20687	.36305	3.4209
Stddev	.00030	.00028	.0160	.00058	.00021	.00088	.0045
%RSD	.14397	.13780	.18771	.13313	.09993	.24184	.13209

#1	.20972	.20428	8.5247	.43497	.20704	.36329	3.4157
#2	.20949	.20418	8.4931	.43528	.20694	.36379	3.4241
#3	.21009	.20375	8.5132	.43609	.20664	.36208	3.4228

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23039	3.6590	.52551	.07984	13.394	.32894	.33000
Stddev	.00084	.0296	.00068	.00051	.085	.00161	.00048
%RSD	.36457	.80969	.13006	.63807	.63207	.48834	.14623

#1	.22975	3.6249	.52621	.08034	13.362	.33080	.33034
#2	.23134	3.6741	.52549	.07932	13.490	.32804	.33023
#3	.23007	3.6780	.52484	.07986	13.330	.32799	.32945

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.795	.40558	.34250	1.2451	1.7562	.67083	.19903
Stddev	.088	.00135	.01201	.0087	.0217	.00171	.00174
%RSD	.68732	.33228	3.5064	.69965	1.2352	.25456	.87248

#1	12.745	.40408	.35511	1.2358	1.7587	.66891	.19707
#2	12.897	.40596	.34118	1.2531	1.7334	.67138	.20038
#3	12.744	.40670	.33120	1.2463	1.7766	.67219	.19964

Sample Name: K2844-07MSD Acquired: 5/15/2019 15:03:08 Type: Unk
Method: P4-ICP2(v3124) 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	.20865	6.034	.24694	2.6914	F<.00000
Stddev	.00158	.009	.00053	.0811	.02549
%RSD	.75803	.1488	.21492	3.0148	1.8097
#1	.20805	6.029	.24755	2.7028	-1.3891
#2	.20746	6.029	.24668	2.7662	-1.4375
#3	.21044	6.045	.24660	2.6052	-1.3993
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4613.3	52379.	4992.5	67.175	4804.9
Stddev	1.7	248.	17.9	.572	7.1
%RSD	.03698	.47411	.35781	.85209	.14799
#1	4611.7	52409.	4977.5	66.697	4798.7
#2	4613.2	52116.	5012.3	67.809	4803.3
#3	4615.1	52610.	4987.7	67.019	4812.6

Sample Name: K2844-07A Acquired: 5/15/2019 15:07:14 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80198	2.0673	1.0189	2.0815	.76178	2.0425	.22051	.20287
Stddev	.00053	.0066	.0019	.0019	.00151	.0026	.00211	.00023
%RSD	.06661	.32079	.18702	.09168	.19759	.12899	.95533	.11438
#1	.80249	2.0678	1.0187	2.0807	.76115	2.0403	.21819	.20277
#2	.80203	2.0605	1.0171	2.0802	.76070	2.0454	.22229	.20313
#3	.80143	2.0737	1.0209	2.0837	.76350	2.0417	.22105	.20270
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19601	8.3593	.42158	.19826	.35070	3.3166	.22479	3.4781
Stddev	.00038	.0452	.00094	.00038	.00044	.0060	.00090	.0547
%RSD	.19605	.54060	.22179	.19237	.12431	.18129	.40032	1.5727
#1	.19617	8.3640	.42222	.19849	.35057	3.3195	.22419	3.4157
#2	.19558	8.3119	.42202	.19846	.35034	3.3205	.22437	3.5007
#3	.19629	8.4019	.42051	.19782	.35118	3.3097	.22583	3.5179
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50553	.07765	13.031	.31957	.32181	12.349	.39893	.32929
Stddev	.00034	.00049	.108	.00183	.00033	.122	.00090	.00497
%RSD	.06708	.63617	.82945	.57360	.10100	.98566	.22512	1.5105
#1	.50536	.07757	12.908	.32162	.32205	12.232	.39817	.32383
#2	.50530	.07818	13.109	.31900	.32144	12.475	.39871	.33356
#3	.50592	.07721	13.076	.31808	.32193	12.341	.39992	.33047
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2188	1.7693	.65850	.19746	.20489	5.815	.24167	2.3740
Stddev	.0033	.0230	.00217	.00207	.00265	.011	.00050	.1501
%RSD	.27120	1.2980	.32938	1.0482	1.2910	.1909	.20549	6.3225
#1	1.2153	1.7879	.65959	.19687	.20781	5.806	.24211	2.4871
#2	1.2219	1.7436	.65990	.19576	.20267	5.810	.24113	2.4310
#3	1.2190	1.7764	.65600	.19976	.20419	5.827	.24176	2.2037

Sample Name: K2844-07A Acquired: 5/15/2019 15:07:14 Type: Unk
 Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.42333
%RSD	48.634

#1	-.92939
#2	-1.2612
#3	-.42073

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4618.1	52088.	4886.8	65.832	4826.8
Stddev	7.6	114.	40.8	.764	7.8
%RSD	.16559	.21898	.83482	1.1600	.16179

#1	4620.0	52214.	4850.7	66.713	4823.6
#2	4624.5	51992.	4931.0	65.412	4835.7
#3	4609.6	52057.	4878.5	65.370	4821.1

Sample Name: K2851-03 Acquired: 5/15/2019 15:11:19 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	-.00392	.00402	.00043	-.00207	.07195	.14234	.00008
Stddev	.00313	.00126	.00047	.00233	.00135	.01180	.00128	.00004
%RSD	2067.9	32.135	11.668	537.11	64.980	16.404	.90183	43.213

#1	.00205	-.00403	.00362	.00296	-.00087	.05843	.14098	.00009
#2	-.00373	-.00512	.00454	-.00163	-.00352	.07725	.14252	.00005
#3	.00123	-.00261	.00389	-.00002	-.00182	.08018	.14353	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00056	54.686	.00091	.00674	.02404	.09092	.68001	3.1860
Stddev	.00009	.757	.00030	.00015	.00015	.00129	.00324	.0508
%RSD	15.708	1.3844	32.634	2.1607	.64164	1.4204	.47590	1.5956

#1	.00057	53.838	.00071	.00673	.02421	.08943	.68193	3.1833
#2	.00046	55.294	.00076	.00689	.02392	.09165	.67628	3.1366
#3	.00064	54.926	.00124	.00660	.02398	.09169	.68183	3.2382

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01772	-.00072	313.90	.00244	.09550	.80376	.00014	.03890
Stddev	.00010	.00006	1.47	.00004	.00010	.01079	.00034	.00899
%RSD	.53886	8.9297	.46943	1.7092	.10735	1.3425	236.95	23.101

#1	.01764	-.00073	313.35	.00242	.09552	.79165	.00048	.03637
#2	.01769	-.00078	312.77	.00242	.09559	.81235	.00016	.03145
#3	.01783	-.00065	315.56	.00249	.09538	.80728	-.00020	.04888

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.61127	2.2288	-.00013	-.00243	-.00066	.0175	.18799	4.3462
Stddev	.00173	.0243	.00069	.00100	.00072	.0025	.00266	.1095
%RSD	.28244	1.0881	533.73	41.099	108.38	14.11	1.4164	2.5183

#1	.61323	2.2018	-.00020	-.00133	-.00101	.0197	.18492	4.2584
#2	.61062	2.2356	.00059	-.00269	.00016	.0148	.18939	4.4688
#3	.60997	2.2488	-.00078	-.00327	-.00115	.0179	.18966	4.3113

Sample Name: K2851-03 Acquired: 5/15/2019 15:11:19 Type: Unk
 Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .94167
 Stddev .21777
 %RSD 23.126

#1 1.1922
 #2 .79770
 #3 .83511

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4304.8	48024.	4810.9	64.861	4224.8
Stddev	5.4	224.	18.0	.980	6.0
%RSD	.12440	.46640	.37328	1.5111	.14196

#1	4302.8	47814.	4830.6	64.245	4222.9
#2	4300.7	48260.	4795.5	65.991	4220.1
#3	4310.9	47999.	4806.5	64.345	4231.6

Sample Name: K2851-03DUP Acquired: 5/15/2019 15:15:51 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00203	-.00550	.00449	-.00145	-.00399	.06931	.14702	.00008
Stddev	.00117	.00083	.00089	.00217	.00140	.00831	.00024	.00003
%RSD	57.792	15.089	19.723	150.23	35.183	11.991	.16231	35.201

#1	-.00319	-.00465	.00470	.00023	-.00514	.06740	.14689	.00005
#2	-.00084	-.00631	.00526	-.00390	-.00440	.07841	.14729	.00010
#3	-.00207	-.00554	.00352	-.00066	-.00243	.06212	.14687	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00059	56.107	.00069	.00689	.02459	.09294	.69171	3.2409
Stddev	.00002	.406	.00015	.00020	.00022	.00061	.00280	.0368
%RSD	3.8994	.72378	21.876	2.8568	.87559	.66076	.40450	1.1345

#1	.00058	55.925	.00068	.00681	.02461	.09361	.68999	3.2833
#2	.00062	55.824	.00055	.00675	.02436	.09281	.69020	3.2211
#3	.00058	56.573	.00085	.00711	.02479	.09240	.69494	3.2182

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01815	-.00065	322.28	.00263	.09845	.88613	.00027	.05479
Stddev	.00020	.00015	1.84	.00018	.00045	.01995	.00008	.01021
%RSD	1.1039	23.879	.57036	6.9651	.45855	2.2517	29.401	18.640

#1	.01835	-.00075	322.09	.00277	.09800	.90882	.00021	.06198
#2	.01795	-.00073	320.55	.00242	.09891	.87134	.00025	.05929
#3	.01816	-.00047	324.21	.00269	.09843	.87822	.00036	.04310

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.62943	2.2469	.00043	-.00199	.00145	.0174	.19350	4.7867
Stddev	.00302	.0197	.00044	.00084	.00207	.0018	.00071	.0996
%RSD	.47933	.87564	102.07	42.384	142.72	10.43	.36793	2.0802

#1	.62842	2.2554	.00012	-.00109	-.00087	.0176	.19382	4.7196
#2	.63282	2.2244	.00093	-.00276	.00210	.0191	.19269	4.9011
#3	.62705	2.2608	.00024	-.00212	.00313	.0155	.19400	4.7394

Sample Name: K2851-03DUP Acquired: 5/15/2019 15:15:51 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .89739
Stddev .12287
%RSD 13.692

#1 .97588
#2 .75579
#3 .96051

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4252.4	47961.	4851.2	63.757	4163.7
Stddev	7.7	224.	44.4	1.787	7.4
%RSD	.18041	.46794	.91606	2.8029	.17810

#1	4246.4	47886.	4828.6	62.313	4155.3
#2	4249.7	48213.	4902.4	63.203	4169.3
#3	4261.0	47784.	4822.6	65.755	4166.6

Sample Name: K2851-03LX5 Acquired: 5/15/2019 15:20:22 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00100	-.00114	.00088	-.00231	-.00311	-.01173	.02869	.00007
Stddev	.00188	.00037	.00057	.00208	.00081	.01075	.00042	.00004
%RSD	187.73	32.571	64.613	90.052	25.956	91.658	1.4606	54.590

#1	.00315	-.00112	.00031	-.00108	-.00218	-.02151	.02876	.00003
#2	-.00033	-.00152	.00089	-.00472	-.00354	-.01347	.02824	.00008
#3	.00018	-.00078	.00145	-.00114	-.00360	-.00022	.02907	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	11.290	-.00006	.00134	.00458	.01779	.14085	.65164
Stddev	.00007	.019	.00063	.00011	.00023	.00082	.00010	.08459
%RSD	58.687	.16431	1061.0	7.9173	4.9296	4.5909	.07414	12.981

#1	.00010	11.305	-.00069	.00122	.00452	.01707	.14075	.70856
#2	.00006	11.269	.00057	.00140	.00483	.01868	.14095	.69193
#3	.00020	11.296	-.00005	.00140	.00439	.01761	.14084	.55444

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00336	-.00053	61.955	.00059	.01847	.17755	-.00004	.00255
Stddev	.00025	.00037	.254	.00060	.00006	.01419	.00041	.00639
%RSD	7.3191	69.888	.40963	102.16	.34506	7.9914	1130.7	250.43

#1	.00353	-.00037	61.878	.00037	.01845	.19006	-.00045	.00464
#2	.00346	-.00027	62.239	.00013	.01855	.16213	.00037	-.00462
#3	.00308	-.00096	61.749	.00128	.01843	.18047	-.00003	.00763

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11761	.47080	-.00082	-.00011	-.00216	.0026	.03850	2.9537
Stddev	.00169	.00225	.00061	.00121	.00189	.0006	.00021	.0699
%RSD	1.4382	.47783	74.163	1102.5	87.380	21.90	.55002	2.3651

#1	.11601	.47212	-.00097	-.00090	-.00161	.0032	.03854	2.9870
#2	.11744	.46820	-.00135	.00128	-.00426	.0025	.03828	3.0008
#3	.11938	.47207	-.00015	-.00071	-.00061	.0021	.03870	2.8735

Sample Name: K2851-03LX5 Acquired: 5/15/2019 15:20:22 Type: Unk
 Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.09842
Stddev	.04845
%RSD	49.225

#1	.15202
#2	.05775
#3	.08550

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4546.9	50992.	4911.8	66.877	4617.2
Stddev	7.1	82.	16.6	.597	9.6
%RSD	.15657	.16079	.33868	.89194	.20740

#1	4546.4	50981.	4901.0	66.598	4618.0
#2	4540.1	50916.	4931.0	67.561	4607.2
#3	4554.3	51079.	4903.5	66.470	4626.3

Sample Name: K2851-03MS Acquired: 5/15/2019 15:24:47 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78194	1.8755	.96147	2.0162	.75293	2.0522	.34321	.19493
Stddev	.00682	.0027	.00247	.0188	.00531	.0127	.00188	.00033
%RSD	.87264	.14631	.25677	.93356	.70547	.62035	.54790	.17178
#1	.78144	1.8754	.96431	1.9997	.75101	2.0419	.34521	.19530
#2	.78900	1.8782	.95992	2.0367	.75894	2.0664	.34147	.19465
#3	.77538	1.8727	.96016	2.0121	.74885	2.0482	.34294	.19483
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19344	54.692	.40457	.19819	.30993	3.0734	.85962	5.1076
Stddev	.00029	.270	.00143	.00063	.00249	.0077	.00388	.0396
%RSD	.14924	.49410	.35248	.31844	.80327	.25180	.45166	.77512
#1	.19377	54.463	.40399	.19836	.30762	3.0711	.86201	5.0783
#2	.19327	54.990	.40352	.19749	.31256	3.0671	.85514	5.0919
#3	.19327	54.624	.40619	.19872	.30960	3.0821	.86171	5.1527
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50214	.07241	302.37	.31369	.28685	11.117	.40655	.34536
Stddev	.00047	.00044	3.09	.00081	.00027	.040	.00347	.01807
%RSD	.09304	.60358	1.0207	.25903	.09350	.35720	.85347	5.2314
#1	.50268	.07291	300.53	.31279	.28716	11.162	.40465	.35981
#2	.50182	.07223	300.65	.31392	.28669	11.098	.41055	.35118
#3	.50193	.07209	305.93	.31437	.28671	11.089	.40444	.32510
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56723	3.0644	.67047	.19390	.20116	5.907	.37761	4.5382
Stddev	.00653	.0128	.00140	.00041	.00283	.016	.00184	.1909
%RSD	1.1520	.41823	.20882	.20990	1.4092	.2718	.48775	4.2074
#1	.57469	3.0678	.66985	.19404	.19829	5.925	.37701	4.3504
#2	.56252	3.0502	.66949	.19422	.20395	5.897	.37968	4.7321
#3	.56447	3.0751	.67207	.19344	.20126	5.898	.37614	4.5321

Sample Name: K2851-03MS Acquired: 5/15/2019 15:24:47 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.26978
%RSD	70.322

#1	-.32863
#2	-.67668
#3	-.14560

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4218.8	46921.	4642.2	61.650	4179.5
Stddev	18.2	103.	20.1	.745	18.4
%RSD	.43043	.22003	.43318	1.2084	.44038

#1	4227.6	46803.	4663.8	61.806	4162.6
#2	4197.9	46989.	4624.1	60.839	4199.1
#3	4230.9	46973.	4638.6	62.304	4177.0

Sample Name: K2851-03MSD Acquired: 5/15/2019 15:29:02 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78256	1.8769	.96679	2.0189	.75710	2.0688	.34227	.19283
Stddev	.00422	.0099	.00664	.0166	.00872	.0118	.00185	.00019
%RSD	.53923	.52719	.68652	.82193	1.1517	.57048	.54165	.10003

#1	.77768	1.8655	.95920	2.0036	.74707	2.0688	.34440	.19274
#2	.78508	1.8815	.97150	2.0166	.76287	2.0570	.34097	.19305
#3	.78491	1.8836	.96967	2.0365	.76136	2.0806	.34145	.19270

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19384	54.396	.40481	.19856	.31043	3.0634	.86454	4.9696
Stddev	.00120	.371	.00241	.00131	.00215	.0042	.00212	.0632
%RSD	.62017	.68175	.59639	.65858	.69310	.13699	.24502	1.2718

#1	.19252	54.277	.40326	.19707	.30805	3.0587	.86354	4.8981
#2	.19487	54.811	.40759	.19953	.31222	3.0669	.86697	4.9927
#3	.19414	54.099	.40357	.19908	.31102	3.0645	.86310	5.0180

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50435	.07344	300.30	.31430	.28764	11.375	.40753	.34816
Stddev	.00361	.00044	.95	.00168	.00222	.022	.00292	.00486
%RSD	.71601	.60577	.31581	.53317	.77296	.19575	.71752	1.3970

#1	.50018	.07394	299.55	.31238	.28509	11.366	.40430	.34349
#2	.50659	.07329	301.36	.31507	.28866	11.360	.40829	.35320
#3	.50626	.07309	299.98	.31545	.28918	11.401	.40999	.34779

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56267	3.1141	.67195	.19115	.20497	5.922	.37717	4.0381
Stddev	.00761	.0223	.00355	.00336	.00108	.055	.00153	.1159
%RSD	1.3524	.71630	.52829	1.7595	.52496	.9218	.40549	2.8693

#1	.55537	3.1098	.66786	.18728	.20373	5.859	.37737	3.9295
#2	.57056	3.1382	.67414	.19293	.20554	5.952	.37859	4.0248
#3	.56209	3.0943	.67386	.19326	.20564	5.955	.37555	4.1601

Sample Name: K2851-03MSD Acquired: 5/15/2019 15:29:02 Type: Unk
 Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .51739
 %RSD 478.74

#1 -.18679
 #2 .44416
 #3 -.58159

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4210.3	46913.	4588.5	63.114	4159.0
Stddev	8.3	72.	35.0	.323	13.0
%RSD	.19813	.15325	.76365	.51224	.31350

#1	4215.6	46878.	4605.7	63.412	4169.6
#2	4200.6	46866.	4548.1	63.161	4144.5
#3	4214.5	46996.	4611.5	62.770	4162.9

Sample Name: K2851-03A Acquired: 5/15/2019 15:33:17 Type: Unk
Method: P4-ICP2(v3124) Mode: 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	.78773	1.8910	.97419	2.0429	.76347	2.0762	.34363	.19672	.19642
Stddev	.00573	.0016	.00493	.0077	.00261	.0105	.00056	.00057	.00069
%RSD	.72680	.08227	.50600	.37718	.34202	.50565	.16345	.29136	.35042
#1	.79217	1.8923	.97839	2.0512	.76343	2.0799	.34426	.19611	.19686
#2	.78974	1.8914	.97542	2.0417	.76610	2.0644	.34344	.19680	.19677
#3	.78127	1.8892	.96876	2.0359	.76088	2.0844	.34318	.19725	.19563
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	53.753	.40247	.20291	.31034	3.0743	.84331	5.0261	.50675	.07145
Stddev	.174	.00054	.00045	.00111	.0036	.00151	.0351	.00175	.00013
%RSD	.32386	.13477	.22303	.35702	.11797	.17857	.69750	.34439	.18838
#1	53.721	.40248	.20343	.31110	3.0776	.84388	5.0575	.50876	.07157
#2	53.940	.40192	.20257	.31085	3.0704	.84160	5.0327	.50581	.07147
#3	53.597	.40301	.20275	.30907	3.0750	.84445	4.9883	.50567	.07130
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	303.87	.31483	.29070	11.089	.40503	.34795	.57714	3.0242	.67906
Stddev	2.17	.00043	.00106	.038	.00090	.01534	.00200	.0398	.00104
%RSD	.71374	.13630	.36427	.34190	.22160	4.4086	.34569	1.3149	.15275
#1	301.43	.31437	.29177	11.123	.40512	.34466	.57647	3.0679	.68000
#2	304.62	.31489	.29069	11.048	.40588	.36466	.57556	3.0143	.67924
#3	305.57	.31522	.28965	11.095	.40410	.33451	.57938	2.9902	.67794
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.19206	.19935	6.021	.37390	4.9903	.11065			
Stddev	.00224	.00022	.021	.00106	.1202	.15240			
%RSD	1.1666	.11145	.3412	.28451	2.4080	137.73			
#1	.19423	.19941	6.038	.37417	5.0702	.11749			
#2	.19220	.19911	6.026	.37481	5.0487	.25952			
#3	.18976	.19954	5.998	.37273	4.8521	-.04505			

Sample Name: K2851-03A Acquired: 5/15/2019 15:33:17 Type: Unk
Method: P4-ICP2(v3124) 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	4221.8	47545.	4757.6	63.387	4139.2
Stddev	18.1	133.	38.0	1.276	13.6
%RSD	.42988	.27881	.79977	2.0132	.32779
#1	4206.9	47398.	4734.7	62.054	4127.8
#2	4216.4	47582.	4736.6	63.509	4135.6
#3	4242.0	47656.	4801.6	64.598	4154.2

Sample Name: CCV04 Acquired: 5/15/2019 15:37:32 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9698	4.9836	4.9827	5.0222	4.9459	9.9208	10.042	.24702
Stddev	.0212	.0067	.0044	.0197	.0083	.0268	.077	.00057
%RSD	.42681	.13495	.08918	.39253	.16830	.26999	.77115	.23172

#1	4.9775	4.9913	4.9861	5.0318	4.9549	9.9515	10.068	.24763
#2	4.9861	4.9805	4.9843	5.0353	4.9443	9.9088	10.103	.24649
#3	4.9458	4.9790	4.9777	4.9996	4.9385	9.9021	9.9552	.24694

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4622	25.329	.99770	2.4410	1.2096	5.0000	2.4792	24.698
Stddev	.0029	.075	.00366	.0036	.0024	.0169	.0118	.053
%RSD	.11946	.29792	.36731	.14874	.20058	.33874	.47650	.21292

#1	2.4651	25.242	1.0019	2.4452	1.2071	5.0191	2.4911	24.687
#2	2.4592	25.370	.99552	2.4385	1.2120	4.9866	2.4675	24.756
#3	2.4622	25.376	.99565	2.4394	1.2098	4.9944	2.4789	24.653

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4646	1.2651	24.631	2.5072	2.4713	24.856	5.0519	4.9269
Stddev	.0020	.0059	.149	.0091	.0041	.195	.0070	.0281
%RSD	.08061	.46667	.60449	.36345	.16597	.78512	.13783	.57023

#1	2.4668	1.2718	24.726	2.5177	2.4760	25.029	5.0504	4.9593
#2	2.4631	1.2607	24.707	2.5024	2.4685	24.895	5.0595	4.9128
#3	2.4638	1.2630	24.459	2.5015	2.4694	24.644	5.0459	4.9086

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9982	5.0836	4.9980	5.0015	4.9615	5.052	5.0763	F 3.5305
Stddev	.0253	.0231	.0066	.0118	.0072	.013	.0076	.1984
%RSD	.50605	.45352	.13218	.23601	.14497	.2584	.15062	5.6196

#1	5.0265	5.0749	5.0055	4.9882	4.9692	5.065	5.0790	3.6994
#2	4.9776	5.0661	4.9932	5.0109	4.9606	5.053	5.0821	3.5800
#3	4.9907	5.1097	4.9953	5.0053	4.9549	5.039	5.0676	3.3120

Sample Name: CCV04 Acquired: 5/15/2019 15:37:32 Type: Unk
 Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.9714
Stddev	.2997
%RSD	15.201

#1	2.3174
#2	1.7936
#3	1.8032

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4476.2	50121.	4888.7	62.648	4400.0
Stddev	11.4	185.	1.6	1.057	8.0
%RSD	.25541	.36866	.03259	1.6865	.18120

#1	4476.3	49917.	4890.5	62.072	4392.3
#2	4464.7	50170.	4887.8	63.867	4399.5
#3	4487.5	50277.	4887.8	62.004	4408.2

Sample Name: CCB04 Acquired: 5/15/2019 15:41:39 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00136	.00026	.00116	-.00245	-.00335	-.02134	.00076
Stddev	.00028	.00031	.00072	.00455	.00135	.00322	.00036
%RSD	20.759	117.41	61.873	185.35	40.172	15.100	47.261

#1	-.00154	.00060	.00142	.00074	-.00284	-.01771	.00058
#2	-.00104	.00021	.00172	-.00766	-.00487	-.02387	.00053
#3	-.00151	-.00001	.00035	-.00044	-.00233	-.02243	.00118

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00005	.00610	.00031	-.00009	-.00096	-.00075
Stddev	.00003	.00002	.01308	.00027	.00007	.00018	.00009
%RSD	114.83	50.716	214.37	85.694	77.950	19.024	11.713

#1	.00001	.00003	.02022	.00041	-.00001	-.00110	-.00077
#2	.00001	.00008	-.00559	.00052	-.00010	-.00103	-.00066
#3	.00006	.00003	.00367	.00001	-.00014	-.00075	-.00084

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.01258	.00046	-.00020	.06165	.00026	.00046
Stddev	.00004	.05236	.00014	.00025	.01250	.00015	.00008
%RSD	198.21	416.29	30.503	121.70	20.278	57.798	17.812

#1	-.00006	.02774	.00052	-.00003	.04839	.00021	.00055
#2	.00000	-.07176	.00056	-.00009	.07322	.00014	.00044
#3	.00000	.00629	.00030	-.00049	.06334	.00042	.00039

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03751	.00045	.01291	-.00001	.00364	.00089	.00003
Stddev	.01788	.00039	.00650	.00117	.00062	.00016	.00161
%RSD	47.653	87.138	50.377	20776.	17.001	18.335	4968.1

#1	.01693	.00060	.01446	.00062	.00295	.00103	-.00130
#2	.04647	.00076	.01850	-.00136	.00382	.00093	-.00041
#3	.04914	.00001	.00577	.00072	.00416	.00071	.00181

Sample Name: CCB04 Acquired: 5/15/2019 15:41:39 Type: Unk
 Method: P4-ICP2(v3124) 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	.00082	-.0006	.00017	F 1.7756	F<.00000
Stddev	.00179	.0018	.00011	.0558	.27720
%RSD	217.29	283.9	64.738	3.1405	713.95
#1	-.00117	-.0025	.00012	1.7287	.10921
#2	.00135	-.0005	.00010	1.7607	.13292
#3	.00229	.0011	.00030	1.8373	-.35861
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4654.2	52367.	4891.0	66.353	4915.4
Stddev	.8	139.	20.6	1.104	8.0
%RSD	.01797	.26535	.42027	1.6641	.16280
#1	4654.7	52305.	4910.7	67.508	4913.7
#2	4653.3	52269.	4869.7	65.308	4908.5
#3	4654.7	52526.	4892.5	66.242	4924.2

Sample Name: LR CHECK 1 Acquired: 5/15/2019 15:51:11 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06162	.01478	-.13689	-.18299	.01180	2085.8	.00984	.04063
Stddev	.01082	.00127	.00157	.02211	.00335	5.1	.00036	.00051
%RSD	17.565	8.5782	1.1466	12.084	28.376	.24276	3.6428	1.2471

#1	-.06687	.01526	-.13590	-.20397	.01519	2080.0	.01013	.04059
#2	-.06882	.01334	-.13606	-.18510	.01170	2089.3	.00995	.04115
#3	-.04918	.01573	-.13869	-.15990	.00850	2088.1	.00944	.04014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01306	1705.1	-.09031	.04976	.10687	863.52	-.02429	1624.8
Stddev	.00089	9.9	.00018	.00081	.00210	2.74	.00066	3.1
%RSD	6.8062	.58012	.19678	1.6199	1.9674	.31721	2.6994	.19189

#1	.01380	1712.7	-.09039	.04966	.10468	862.15	-.02444	1625.7
#2	.01330	1693.9	-.09044	.05061	.10705	861.73	-.02486	1621.3
#3	.01208	1708.7	-.09011	.04901	.10887	866.67	-.02358	1627.3

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03914	-.08888	1866.9	-.00105	.06305	978.60	-.02242	-.80553
Stddev	.00022	.00078	10.5	.00097	.00119	9.26	.00052	.02665
%RSD	.56107	.87341	.56110	91.643	1.8819	.94674	2.3239	3.3080

#1	.03897	-.08856	1866.3	-.00091	.06418	989.05	-.02293	-.77844
#2	.03939	-.08831	1877.6	-.00017	.06315	975.36	-.02242	-.80644
#3	.03907	-.08976	1856.7	-.00208	.06181	971.39	-.02189	-.83171

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41318	.01627	.06159	-.05197	.07709	.1676	-.93469	5.9054
Stddev	.00674	.00087	.00051	.00063	.00087	.0015	.00306	.1181
%RSD	1.6301	5.3660	.83504	1.2069	1.1325	.9213	.32686	1.9998

#1	.42019	.01705	.06112	-.05166	.07690	.1659	-.93316	5.8106
#2	.41260	.01643	.06214	-.05157	.07804	.1684	-.93271	6.0377
#3	.40675	.01533	.06150	-.05270	.07633	.1687	-.93821	5.8678

Sample Name: LR CHECK 1 Acquired: 5/15/2019 15:51:11 Type: Unk
 Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3127.1	35044.	4199.3	50.234	2527.6
Stddev	10.5	77.	16.7	2.008	11.3
%RSD	.33570	.22039	.39883	3.9967	.44613

#1	3115.4	34999.	4201.6	52.543	2514.7
#2	3135.8	35133.	4181.5	48.908	2535.5
#3	3130.1	34999.	4214.7	49.249	2532.5

Sample Name: LR CHECK 2 Acquired: 5/15/2019 15:56:13 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00467	-.00456	247.46	.03066	-.03930	-.25098	93.590	-.00149
Stddev	.00065	.00126	.73	.00111	.00082	.01155	.750	.00014
%RSD	13.912	27.664	.29505	3.6137	2.0867	4.6001	.80097	9.6041

#1	-.00412	-.00566	246.78	.03052	-.03860	-.23924	92.738	-.00135
#2	-.00451	-.00318	248.23	.02963	-.03910	-.26232	94.149	-.00164
#3	-.00539	-.00484	247.37	.03183	-.04020	-.25138	93.883	-.00149

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00662	.24265	-.13921	.00388	238.51	-.83332	41.339	-.08487
Stddev	.00004	.00654	.00058	.00026	.90	.00492	.233	.05040
%RSD	.54654	2.6952	.41905	6.6301	.37691	.58988	.56312	59.386

#1	-.00666	.24450	-.13856	.00417	238.57	-.82830	41.404	-.14287
#2	-.00659	.24806	-.13969	.00376	237.59	-.83354	41.080	-.05175
#3	-.00661	.23538	-.13937	.00370	239.38	-.83813	41.532	-.05998

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.900	.00468	.65552	-.12979	34.272	1.2412	-.00809	-.00023
Stddev	.072	.00026	.04809	.00069	.147	.0274	.00022	.00346
%RSD	.14410	5.5849	7.3358	.53294	.42760	2.2116	2.7585	1495.6

#1	49.982	.00492	.60005	-.12914	34.291	1.2099	-.00813	-.00133
#2	49.850	.00440	.68098	-.12971	34.117	1.2525	-.00786	-.00301
#3	49.868	.00471	.68553	-.13051	34.408	1.2611	-.00830	.00364

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03183	.00914	-.00028	.01541	-.00722	-2.289	.00331	3.3177
Stddev	.00301	.00124	.00059	.00057	.00122	.002	.00007	.1636
%RSD	9.4618	13.551	208.68	3.6690	16.900	.0681	1.9984	4.9298

#1	.03432	.00896	-.00070	.01512	-.00859	-2.288	.00338	3.3166
#2	.03268	.01045	-.00055	.01505	-.00625	-2.287	.00331	3.4818
#3	.02848	.00799	.00040	.01607	-.00682	-2.290	.00324	3.1547

Sample Name: LR CHECK 2 Acquired: 5/15/2019 15:56:13 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.82073
Stddev	.26983
%RSD	32.877

#1	1.0494
#2	.88963
#3	.52313

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4328.8	52643.	4907.2	64.989	4534.1
Stddev	4.9	106.	21.8	.897	4.7
%RSD	.11273	.20124	.44468	1.3807	.10471

#1	4325.4	52720.	4882.0	65.800	4529.8
#2	4334.4	52688.	4921.2	64.025	4533.3
#3	4326.7	52522.	4918.3	65.142	4539.2

Sample Name: K2837-01 Acquired: 5/15/2019 16:04:54 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01368	-.00349	.06781	.00270	-.00267	23.380	.45025	.00386
Stddev	.00173	.00128	.00133	.00243	.00147	.058	.00312	.00008
%RSD	12.633	36.780	1.9623	89.810	54.875	.24640	.69368	1.9725

#1	.01216	-.00483	.06895	.00348	-.00184	23.318	.44748	.00381
#2	.01556	-.00337	.06813	.00464	-.00436	23.431	.45364	.00395
#3	.01332	-.00227	.06634	-.00002	-.00181	23.390	.44965	.00382

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00342	11.852	.17458	.03112	.13438	76.866	2.8751	8.1645
Stddev	.00011	.060	.00205	.00018	.00056	.551	.0146	.1036
%RSD	3.3144	.50813	1.1767	.57297	.41468	.71660	.50869	1.2686

#1	-.00336	11.788	.17353	.03105	.13383	76.524	2.8691	8.1676
#2	-.00355	11.908	.17694	.03098	.13436	77.501	2.8918	8.2665
#3	-.00335	11.861	.17326	.03132	.13495	76.572	2.8645	8.0594

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06608	-.00152	1.2734	.08352	.14598	3.8061	.00307	.01822
Stddev	.00020	.00026	.0349	.00028	.00041	.0203	.00035	.00647
%RSD	.30619	17.404	2.7426	.33804	.27782	.53420	11.453	35.532

#1	.06624	-.00133	1.2338	.08361	.14577	3.7931	.00297	.01307
#2	.06585	-.00182	1.2866	.08375	.14572	3.8295	.00278	.02549
#3	.06614	-.00140	1.2998	.08321	.14644	3.7956	.00346	.01610

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11581	1.3218	.00463	.83927	.02584	2.706	-.01323	2.0093
Stddev	.00231	.0059	.00053	.00215	.00016	.012	.00091	.0164
%RSD	1.9974	.44668	11.430	.25675	.60683	.4268	6.9005	.81880

#1	.11735	1.3152	.00473	.84102	.02591	2.693	-.01282	2.0164
#2	.11315	1.3238	.00406	.83686	.02566	2.712	-.01428	1.9905
#3	.11693	1.3265	.00510	.83992	.02595	2.713	-.01260	2.0210

Sample Name: K2837-01 Acquired: 5/15/2019 16:04:54 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	26.212
Stddev	.320
%RSD	1.2218

#1	26.091
#2	26.575
#3	25.970

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4820.9	54461.	5225.0	67.011	4718.2
Stddev	12.6	250.	17.7	1.182	2.0
%RSD	.26217	.45839	.33951	1.7633	.04279

#1	4813.3	54462.	5205.8	65.795	4716.9
#2	4835.5	54211.	5240.7	68.155	4720.6
#3	4813.9	54711.	5228.4	67.083	4717.2

Sample Name: K2837-01DUP Acquired: 5/15/2019 16:09:19 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01383	-.00393	.06001	.00563	-.00127	23.310	.44739	.00377
Stddev	.00203	.00063	.00103	.00172	.00038	.097	.00205	.00004
%RSD	14.657	16.086	1.7119	30.581	29.535	.41765	.45859	.94339
#1	.01586	-.00463	.06008	.00507	-.00153	23.201	.44502	.00378
#2	.01383	-.00340	.06101	.00426	-.00144	23.340	.44864	.00381
#3	.01180	-.00376	.05896	.00757	-.00084	23.388	.44850	.00374
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00331	11.834	.18566	.03155	.13418	76.694	2.8784	8.1815
Stddev	.00009	.059	.00052	.00013	.00074	.104	.0114	.0797
%RSD	2.5988	.50174	.28160	.42114	.55460	.13598	.39578	.97460
#1	-.00325	11.776	.18619	.03168	.13344	76.583	2.8883	8.1543
#2	-.00341	11.895	.18565	.03155	.13493	76.710	2.8809	8.1190
#3	-.00326	11.833	.18514	.03141	.13416	76.790	2.8660	8.2713
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06672	-.00114	1.2115	.08331	.14369	3.6531	.00323	.02000
Stddev	.00074	.00035	.0157	.00070	.00025	.0455	.00023	.00756
%RSD	1.1118	30.573	1.2939	.83568	.17332	1.2460	7.1796	37.798
#1	.06615	-.00114	1.1972	.08326	.14342	3.6075	.00296	.02782
#2	.06756	-.00149	1.2092	.08265	.14390	3.6532	.00334	.01946
#3	.06645	-.00079	1.2283	.08404	.14376	3.6986	.00338	.01273
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11584	1.3376	.00410	.84770	.02608	2.729	-.01243	1.6420
Stddev	.00464	.0011	.00061	.00415	.00092	.011	.00016	.1714
%RSD	4.0059	.08040	14.793	.48899	3.5409	.3976	1.2896	10.439
#1	.11068	1.3371	.00360	.84446	.02574	2.718	-.01257	1.4659
#2	.11969	1.3369	.00477	.84627	.02536	2.739	-.01225	1.6520
#3	.11714	1.3388	.00391	.85237	.02712	2.730	-.01246	1.8083

Sample Name: K2837-01DUP Acquired: 5/15/2019 16:09:19 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 25.482
Stddev .529
%RSD 2.0743

#1 24.948
#2 26.005
#3 25.492

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4823.6	54802.	5231.2	66.445	4710.8
Stddev	7.0	72.	24.7	.975	8.4
%RSD	.14421	.13178	.47230	1.4674	.17927

#1	4821.4	54747.	5230.3	65.963	4701.7
#2	4818.1	54774.	5207.0	65.805	4712.2
#3	4831.4	54883.	5256.4	67.567	4718.5

Sample Name: K2837-01LX5 Acquired: 5/15/2019 16:13:44 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00396	-.00071	.02116	-.00022	-.00333	4.9264	.09656	.00085
Stddev	.00136	.00052	.00162	.00136	.00112	.0222	.00096	.00005
%RSD	34.277	73.301	7.6340	617.48	33.513	.45134	.99553	6.0373

#1	.00531	-.00130	.02261	-.00148	-.00275	4.9017	.09553	.00091
#2	.00260	-.00054	.02145	.00123	-.00462	4.9449	.09744	.00082
#3	.00396	-.00030	.01942	-.00041	-.00263	4.9326	.09670	.00083

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00085	2.5427	.03803	.00650	.02892	17.004	.61539	1.7235
Stddev	.00003	.0100	.00034	.00015	.00050	.025	.00071	.0218
%RSD	3.4801	.39250	.89539	2.2604	1.7191	.14789	.11498	1.2639

#1	-.00088	2.5333	.03825	.00634	.02857	16.991	.61468	1.7203
#2	-.00083	2.5531	.03764	.00662	.02949	17.033	.61540	1.7035
#3	-.00084	2.5418	.03820	.00655	.02869	16.989	.61610	1.7467

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01390	-.00032	.44556	.01750	.03165	1.0083	.00058	.01538
Stddev	.00006	.00035	.01476	.00028	.00019	.0094	.00034	.01385
%RSD	.44338	111.56	3.3134	1.6152	.59348	.93610	58.220	90.036

#1	.01395	-.00003	.42877	.01720	.03181	1.0082	.00023	.01363
#2	.01383	-.00071	.45650	.01775	.03169	1.0178	.00062	.00249
#3	.01391	-.00021	.45142	.01756	.03144	.99895	.00090	.03002

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02156	.28645	-.00054	.17886	.00404	.5566	-.00327	2.2853
Stddev	.00127	.00418	.00085	.00165	.00285	.0041	.00005	.0350
%RSD	5.8949	1.4597	158.35	.92305	70.527	.7426	1.4013	1.5328

#1	.02019	.29017	-.00009	.17838	.00128	.5566	-.00330	2.2494
#2	.02178	.28724	-.00152	.17751	.00697	.5608	-.00329	2.3194
#3	.02271	.28192	-.00001	.18070	.00388	.5525	-.00322	2.2872

Sample Name: K2837-01LX5 Acquired: 5/15/2019 16:13:44 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.1047
Stddev .1887
%RSD 3.6973

#1 4.9107
#2 5.2877
#3 5.1158

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4693.4	53314.	5072.7	67.586	4830.7
Stddev	14.3	61.	30.9	.577	10.0
%RSD	.30506	.11466	.60988	.85338	.20760

#1	4679.8	53246.	5041.8	67.733	4819.3
#2	4692.0	53334.	5103.7	66.950	4834.7
#3	4708.3	53363.	5072.4	68.075	4838.1

Sample Name: K2837-01MS Acquired: 5/15/2019 16:18:08 Type: Unk
Method: P4-ICP2(v3124) Mode: 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	.77472	2.0813	1.0999	1.9234	.27220	33.115	.69535	.19450	.20018
Stddev	.00260	.0044	.0011	.0029	.00049	.106	.00075	.00020	.00022
%RSD	.33619	.21251	.09845	.15002	.17933	.32089	.10772	.10084	.10990

#1	.77401	2.0802	1.1011	1.9221	.27275	33.127	.69489	.19439	.19993
#2	.77761	2.0776	1.0996	1.9213	.27182	33.214	.69621	.19472	.20029
#3	.77254	2.0862	1.0990	1.9267	.27204	33.003	.69495	.19437	.20033

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.175	.53597	.24363	.44551	73.524	3.5369	12.602	.59829	.07109
Stddev	.068	.00112	.00044	.00156	.351	.0062	.115	.00068	.00106
%RSD	.47702	.20890	.18066	.34949	.47749	.17402	.91060	.11339	1.4855

#1	14.117	.53498	.24322	.44645	73.165	3.5341	12.713	.59769	.07114
#2	14.159	.53574	.24409	.44371	73.542	3.5327	12.609	.59815	.07211
#3	14.249	.53719	.24359	.44637	73.866	3.5440	12.484	.59902	.07000

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1823	.37929	.36136	13.487	.37059	.29632	.13413	2.6364	.65184
Stddev	.0273	.00190	.00075	.055	.00091	.00905	.00178	.0210	.00228
%RSD	.65313	.50036	.20712	.40728	.24599	3.0553	1.3246	.79655	.34916

#1	4.1736	.37793	.36066	13.491	.37106	.29018	.13322	2.6150	.65000
#2	4.2129	.38146	.36215	13.540	.36954	.29206	.13618	2.6371	.65115
#3	4.1604	.37848	.36128	13.430	.37117	.30672	.13299	2.6570	.65439

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99420	.23248	8.695	.19668	1.6384	21.999
Stddev	.00670	.00230	.020	.00014	.2181	.364
%RSD	.67352	.99037	.2338	.06924	13.315	1.6543

#1	.98803	.23092	8.678	.19676	1.4616	21.972
#2	1.0013	.23513	8.690	.19652	1.8821	22.376
#3	.99325	.23139	8.718	.19675	1.5714	21.649

Sample Name: K2837-01MS Acquired: 5/15/2019 16:18:08 Type: Unk
Method: P4-ICP2(v3124) 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	4782.4	54114.	5193.3	64.573	4615.7
Stddev	2.9	36.	27.3	.520	3.1
%RSD	.06044	.06625	.52560	.80474	.06733
#1	4780.1	54155.	5213.4	65.112	4617.9
#2	4785.6	54086.	5204.3	64.532	4612.1
#3	4781.5	54103.	5162.2	64.075	4617.0

Sample Name: K2837-01MSD Acquired: 5/15/2019 16:22:21 Type: Unk
Method: P4-ICP2(v3124) Mode: 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	.76864	2.0581	1.0913	1.8975	.26805	32.746	.68657	.19207	.19765
Stddev	.00161	.0125	.0064	.0100	.00243	.029	.00074	.00082	.00040
%RSD	.20996	.60562	.58735	.52818	.90546	.08781	.10764	.42620	.20231

#1	.76882	2.0456	1.0859	1.8988	.26528	32.742	.68614	.19281	.19745
#2	.77016	2.0581	1.0895	1.8868	.26979	32.776	.68743	.19119	.19738
#3	.76694	2.0705	1.0984	1.9068	.26909	32.719	.68616	.19221	.19811

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.000	.53383	.24288	.44212	72.596	3.5731	12.285	.59323	.07065
Stddev	.077	.00079	.00140	.00226	.286	.0098	.117	.00173	.00058
%RSD	.54715	.14815	.57525	.51144	.39445	.27460	.95109	.29143	.81839

#1	13.955	.53326	.24144	.43955	72.776	3.5620	12.262	.59145	.07055
#2	13.957	.53349	.24295	.44298	72.747	3.5807	12.412	.59331	.07127
#3	14.089	.53473	.24424	.44381	72.266	3.5767	12.181	.59491	.07013

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0850	.37646	.35777	13.402	.36993	.27652	.13114	2.6256	.64889
Stddev	.0180	.00077	.00029	.119	.00215	.01273	.00248	.0185	.00190
%RSD	.44032	.20368	.08156	.88878	.58145	4.6030	1.8896	.70610	.29318

#1	4.0647	.37661	.35756	13.346	.36749	.28701	.13308	2.6044	.64830
#2	4.0990	.37563	.35811	13.539	.37073	.28020	.13200	2.6389	.64735
#3	4.0914	.37715	.35765	13.322	.37157	.26236	.12835	2.6335	.65102

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97282	.23206	8.615	.19512	1.4181	21.922
Stddev	.00597	.00244	.043	.00168	.1925	.481
%RSD	.61396	1.0514	.4938	.86050	13.575	2.1925

#1	.96597	.22969	8.582	.19422	1.5942	22.184
#2	.97695	.23457	8.599	.19409	1.4475	22.214
#3	.97554	.23191	8.663	.19706	1.2126	21.367

Sample Name: K2837-01MSD Acquired: 5/15/2019 16:22:21 Type: Unk
Method: P4-ICP2(v3124) 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	4781.5	54000.	5139.3	63.434	4612.8
Stddev	1.2	190.	16.7	.616	3.6
%RSD	.02570	.35236	.32426	.97116	.07767
#1	4780.2	53853.	5139.5	63.011	4610.2
#2	4782.7	53933.	5155.9	64.140	4616.9
#3	4781.7	54215.	5122.6	63.149	4611.3

Sample Name: K2837-01A Acquired: 5/15/2019 16:26:33 Type: Unk
Method: P4-ICP2(v3124) Mode: 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	.76768	2.0608	1.0882	1.8984	.26798	32.977	.69065	.19262	.19770
Stddev	.00103	.0028	.0024	.0023	.00245	.245	.00759	.00081	.00053
%RSD	.13403	.13527	.21880	.12281	.91496	.74224	1.0983	.42244	.26661

#1	.76884	2.0640	1.0903	1.9008	.26689	32.712	.68209	.19296	.19740
#2	.76730	2.0588	1.0856	1.8982	.27078	33.194	.69654	.19169	.19830
#3	.76689	2.0598	1.0886	1.8961	.26626	33.025	.69333	.19321	.19738

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.073	.53438	.24173	.44244	73.362	3.5906	12.434	.59448	.07067
Stddev	.086	.00144	.00007	.00048	.262	.0123	.131	.00049	.00070
%RSD	.61309	.26873	.02797	.10944	.35710	.34246	1.0521	.08162	.98823

#1	14.034	.53377	.24178	.44273	73.603	3.5799	12.285	.59435	.07109
#2	14.014	.53336	.24175	.44272	73.083	3.5877	12.491	.59501	.06987
#3	14.172	.53603	.24165	.44188	73.399	3.6040	12.527	.59407	.07107

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0930	.37828	.35610	13.446	.36967	.28216	.13093	2.6804	.64986
Stddev	.0544	.00073	.00043	.144	.00016	.02213	.00163	.0165	.00044
%RSD	1.3296	.19194	.12016	1.0679	.04461	7.8429	1.2448	.61461	.06773

#1	4.0309	.37867	.35655	13.280	.36968	.28713	.12927	2.6903	.65008
#2	4.1157	.37745	.35608	13.526	.36983	.30139	.13252	2.6614	.65014
#3	4.1323	.37873	.35569	13.531	.36950	.25797	.13099	2.6896	.64935

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97395	.23335	8.606	.19525	1.3295	21.753
Stddev	.00988	.00153	.020	.00115	.2053	.148
%RSD	1.0148	.65659	.2295	.59044	15.441	.68010

#1	.96529	.23159	8.619	.19396	1.5659	21.605
#2	.97185	.23410	8.615	.19559	1.2267	21.753
#3	.98472	.23437	8.583	.19619	1.1960	21.901

Sample Name: K2837-01A Acquired: 5/15/2019 16:26:33 Type: Unk
Method: P4-ICP2(v3124) 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	4792.3	53676.	5113.6	64.882	4628.3
Stddev	8.9	126.	42.5	1.537	5.4
%RSD	.18506	.23473	.83191	2.3689	.11718
#1	4784.7	53681.	5077.7	63.124	4623.2
#2	4790.2	53799.	5160.6	65.552	4627.8
#3	4802.0	53547.	5102.7	65.971	4634.0

Sample Name: K2848-01 Acquired: 5/15/2019 16:30:46 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07707	-.01227	.97529	.00015	.01597	134.93	1.1519	.01712
Stddev	.00085	.00110	.00413	.00271	.00133	.36	.0011	.00021
%RSD	1.1004	9.0020	.42333	1814.8	8.3544	.27044	.09503	1.2193

#1	.07619	-.01350	.97061	.00324	.01475	134.56	1.1524	.01723
#2	.07788	-.01195	.97684	-.00181	.01739	135.29	1.1527	.01688
#3	.07715	-.01136	.97841	-.00098	.01575	134.92	1.1507	.01725

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00213	169.14	.32094	.15762	.47737	223.83	6.7094	75.028
Stddev	.00021	1.42	.00053	.00042	.00226	.69	.0462	.180
%RSD	9.7086	.83871	.16382	.26711	.47356	.31048	.68822	.24009

#1	-.00227	167.81	.32094	.15719	.47673	223.98	6.6802	74.940
#2	-.00222	170.63	.32147	.15766	.47549	224.44	6.7627	75.235
#3	-.00189	168.96	.32041	.15803	.47988	223.07	6.6855	74.909

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.85346	-.00994	7.5982	.39626	1.3845	15.407	.00424	-.00285
Stddev	.00224	.00062	.0087	.00073	.0013	.010	.00022	.00509
%RSD	.26272	6.2843	.11462	.18336	.09062	.06530	5.1111	178.68

#1	.85141	-.00948	7.5959	.39543	1.3834	15.408	.00437	-.00622
#2	.85313	-.00968	7.6078	.39662	1.3858	15.416	.00399	-.00534
#3	.85585	-.01065	7.5908	.39675	1.3842	15.396	.00435	.00301

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8599	4.4155	.03900	2.8268	.19683	6.144	.42457	.25418
Stddev	.0635	.0339	.00134	.0095	.00309	.024	.00586	.18564
%RSD	.64429	.76715	3.4420	.33785	1.5681	.3832	1.3806	73.036

#1	9.7888	4.3764	.03782	2.8159	.19398	6.120	.41842	.43091
#2	9.8799	4.4367	.03871	2.8310	.20011	6.145	.43010	.06075
#3	9.9110	4.4334	.04046	2.8335	.19642	6.167	.42519	.27086

Sample Name: K2848-01 Acquired: 5/15/2019 16:30:46 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	82.426
Stddev	.110
%RSD	.13392

#1	82.550
#2	82.338
#3	82.389

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4870.1	55045.	5583.8	61.082	4083.2
Stddev	5.5	94.	38.2	1.149	5.2
%RSD	.11280	.17089	.68470	1.8815	.12849

#1	4865.1	55003.	5618.6	62.213	4085.6
#2	4875.9	54979.	5542.9	59.915	4077.2
#3	4869.3	55153.	5589.8	61.117	4086.9

Sample Name: K2848-03 Acquired: 5/15/2019 16:35:19 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06964	-.01065	.91648	-.00536	.01003	112.35	.92494	.01386
Stddev	.00187	.00065	.00536	.00065	.00075	.68	.00560	.00009
%RSD	2.6801	6.0890	.58431	12.153	7.4313	.60382	.60584	.67878

#1	.06775	-.00992	.91120	-.00532	.01066	111.81	.92067	.01397
#2	.06969	-.01087	.91634	-.00473	.01021	113.11	.93129	.01380
#3	.07148	-.01115	.92190	-.00603	.00921	112.12	.92287	.01382

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00201	168.03	.24947	.13848	.46131	193.97	5.3615	79.047
Stddev	.00028	.72	.00140	.00065	.00345	.59	.0398	.351
%RSD	13.843	.43060	.56053	.46758	.74794	.30617	.74324	.44439

#1	-.00233	168.78	.25109	.13806	.45917	193.82	5.3795	78.764
#2	-.00190	167.33	.24870	.13816	.45947	194.62	5.3158	79.440
#3	-.00181	167.99	.24863	.13922	.46529	193.46	5.3892	78.936

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69019	-.00845	6.8925	.38128	1.1204	12.573	.00381	.24670
Stddev	.00324	.00056	.0415	.00175	.0012	.074	.00033	.01670
%RSD	.47014	6.6680	.60267	.45890	.11098	.58733	8.5948	6.7700

#1	.68726	-.00910	6.8693	.38255	1.1218	12.493	.00358	.22747
#2	.68962	-.00808	6.9405	.38200	1.1193	12.639	.00419	.25496
#3	.69368	-.00818	6.8678	.37928	1.1202	12.587	.00367	.25765

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3782	4.4230	.03369	2.8325	.15199	5.339	.34053	1.3417
Stddev	.0751	.0503	.00036	.0070	.00164	.045	.00269	.2136
%RSD	.80135	1.1360	1.0555	.24778	1.0821	.8491	.78917	15.922

#1	9.3204	4.4805	.03346	2.8274	.15059	5.307	.34301	1.0950
#2	9.3510	4.4007	.03351	2.8295	.15159	5.318	.33767	1.4640
#3	9.4632	4.3878	.03410	2.8405	.15380	5.391	.34090	1.4660

Sample Name: K2848-03 Acquired: 5/15/2019 16:35:19 Type: Unk
 Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	71.897
Stddev	.408
%RSD	.56817

#1	72.280
#2	71.467
#3	71.945

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4768.5	54427.	5504.1	63.693	4080.5
Stddev	10.1	92.	42.4	.266	7.3
%RSD	.21280	.16855	.76990	.41695	.17967

#1	4757.8	54532.	5471.6	63.439	4072.3
#2	4778.0	54360.	5552.1	63.671	4086.4
#3	4769.5	54389.	5488.7	63.969	4082.9

Sample Name: CCV05 Acquired: 5/15/2019 16:39:52 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9787	4.9989	5.0089	5.0198	4.9648	9.9091	10.091	.24704
Stddev	.0061	.0077	.0081	.0052	.0024	.0365	.083	.00043
%RSD	.12273	.15458	.16167	.10414	.04935	.36836	.82290	.17461
#1	4.9838	4.9939	5.0140	5.0139	4.9659	9.8759	10.161	.24655
#2	4.9804	4.9950	5.0130	5.0217	4.9620	9.9032	10.113	.24737
#3	4.9719	5.0078	4.9995	5.0238	4.9664	9.9482	9.9991	.24720
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4771	25.184	.99421	2.4501	1.2094	5.0011	2.4789	24.531
Stddev	.0038	.222	.00079	.0035	.0016	.0112	.0024	.146
%RSD	.15297	.88045	.07921	.14224	.13259	.22377	.09705	.59649
#1	2.4799	24.931	.99417	2.4512	1.2106	4.9882	2.4766	24.375
#2	2.4787	25.281	.99501	2.4529	1.2100	5.0071	2.4814	24.555
#3	2.4728	25.341	.99344	2.4462	1.2076	5.0080	2.4787	24.664
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4708	1.2576	24.808	2.5004	2.4727	24.832	5.0453	4.8962
Stddev	.0035	.0007	.037	.0012	.0019	.029	.0058	.0084
%RSD	.14201	.05848	.14936	.04880	.07735	.11717	.11568	.17268
#1	2.4735	1.2568	24.767	2.5002	2.4737	24.833	5.0388	4.8884
#2	2.4720	1.2581	24.816	2.5018	2.4740	24.803	5.0469	4.9052
#3	2.4668	1.2579	24.840	2.4994	2.4705	24.862	5.0502	4.8950
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0166	5.0745	4.9894	4.9954	4.9254	5.078	5.0703	F 3.4252
Stddev	.0140	.0056	.0055	.0276	.0113	.010	.0091	.0324
%RSD	.27863	.11052	.10993	.55250	.22843	.1936	.17882	.94531
#1	5.0236	5.0707	4.9950	4.9696	4.9328	5.090	5.0621	3.4537
#2	5.0257	5.0809	4.9892	4.9921	4.9125	5.074	5.0687	3.3900
#3	5.0005	5.0718	4.9841	5.0245	4.9310	5.071	5.0800	3.4318

Sample Name: CCV05 Acquired: 5/15/2019 16:39:52 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.1252
Stddev .2252
%RSD 10.595

#1 2.2871
#2 2.2205
#3 1.8681

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4442.5	49759.	4886.7	64.849	4365.1
Stddev	7.7	52.	9.0	1.154	10.2
%RSD	.17375	.10480	.18477	1.7800	.23324

#1	4433.7	49774.	4894.1	65.017	4353.4
#2	4448.1	49701.	4876.6	63.620	4369.8
#3	4445.5	49802.	4889.4	65.910	4372.1

Sample Name: CCB05 Acquired: 5/15/2019 16:58:26 Type: Unk
Method: P4-ICP2(v3124) 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	-.00269	-.00065	F .00528	-.00292	-.00220	-.03294	.00050
Stddev	.00143	.00113	.00057	.00034	.00082	.00328	.00029
%RSD	53.120	173.76	10.793	11.733	37.066	9.9662	57.922

#1	-.00311	.00048	.00559	-.00269	-.00217	-.03472	.00040
#2	-.00387	-.00178	.00462	-.00332	-.00140	-.03496	.00028
#3	-.00110	-.00064	.00562	-.00276	-.00304	-.02915	.00083

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00005	.01932	.00014	-.00016	-.00063	.00240
Stddev	.00003	.00005	.01204	.00013	.00014	.00016	.00031
%RSD	75.335	97.292	62.327	95.616	87.346	25.706	12.740

#1	.00006	.00008	.02232	.00029	-.00004	-.00081	.00270
#2	.00003	-.00001	.02957	.00005	-.00032	-.00051	.00209
#3	.00001	.00008	.00606	.00008	-.00013	-.00057	.00239

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00777	.00001	-.00009	.01629	.00030	.00059
Stddev	.00004	.01013	.00009	.00023	.00460	.00028	.00005
%RSD	85.321	130.29	698.55	248.73	28.224	93.087	8.4020

#1	-.00010	-.00003	-.00009	-.00026	.01470	.00043	.00062
#2	-.00001	-.01923	.00006	.00017	.01270	.00048	.00063
#3	-.00005	-.00405	.00007	-.00020	.02148	-.00002	.00054

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07243	-.00026	.01171	F .00985	.00202	-.00111	.00004
Stddev	.03470	.00018	.00951	.00194	.00148	.00041	.00049
%RSD	47.910	67.755	81.236	19.729	73.282	36.489	1289.9

#1	.03244	-.00017	.01120	.01117	.00055	-.00145	-.00049
#2	.09026	-.00015	.00246	.01077	.00199	-.00066	.00048
#3	.09459	-.00046	.02146	.00762	.00351	-.00123	.00012

Sample Name: CCB05 Acquired: 5/15/2019 16:58:26 Type: Unk
 Method: P4-ICP2(v3124) 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	-.00103	-.0017	.00015	F 2.1446	F<.00000
Stddev	.00064	.0004	.00003	.2771	.15422
%RSD	62.161	22.49	17.396	12.919	37.701
#1	-.00169	-.0018	.00015	1.8655	-.29709
#2	-.00041	-.0012	.00017	2.4195	-.58496
#3	-.00098	-.0019	.00012	2.1487	-.34513
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4646.0	52456.	4815.7	66.153	4926.9
Stddev	11.2	118.	11.9	.294	11.1
%RSD	.24022	.22417	.24702	.44436	.22473
#1	4642.7	52321.	4803.2	66.000	4928.9
#2	4658.4	52536.	4827.0	66.492	4936.8
#3	4636.8	52511.	4816.8	65.967	4914.9

Sample Name: K2851-01 Acquired: 5/15/2019 17:02:54 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20124	-.06535	1.1622	-.03726	.01180	193.26	1.0988	.02377
Stddev	.00037	.00085	.0038	.00082	.00213	.14	.0020	.00032
%RSD	.18156	1.2932	.32563	2.2008	18.023	.06995	.18422	1.3526
#1	.20140	-.06619	1.1665	-.03819	.00935	193.17	1.0979	.02393
#2	.20149	-.06536	1.1594	-.03665	.01321	193.42	1.1011	.02398
#3	.20082	-.06450	1.1607	-.03695	.01284	193.20	1.0974	.02340
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00758	221.41	.80314	.30555	2.1831	370.82	5.6797	192.73
Stddev	.00040	.57	.00060	.00022	.0010	1.20	.0255	.75
%RSD	5.2704	.25903	.07417	.07129	.04789	.32282	.44831	.38839
#1	.00715	222.06	.80248	.30573	2.1824	370.99	5.7072	192.05
#2	.00764	221.20	.80364	.30531	2.1826	371.92	5.6751	193.53
#3	.00794	220.97	.80330	.30561	2.1843	369.55	5.6569	192.61
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75092	-.02973	16.896	1.3449	2.0059	8.2425	.01176	4.4535
Stddev	.00198	.00089	.035	.0018	.0048	.0174	.00032	.0186
%RSD	.26415	3.0081	.20592	.13654	.23915	.21048	2.6939	.41825
#1	.75312	-.03030	16.881	1.3445	2.0003	8.2614	.01140	4.4371
#2	.75038	-.02870	16.935	1.3469	2.0084	8.2391	.01186	4.4737
#3	.74926	-.03018	16.870	1.3433	2.0089	8.2272	.01201	4.4496
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19.209	2.7992	.10478	F 12.507	.23598	F 26.50	.63280	.37184
Stddev	.033	.0337	.00088	.028	.00247	.08	.00284	.14592
%RSD	.17015	1.2041	.83715	.22704	1.0451	.3026	.44905	39.244
#1	19.229	2.8177	.10511	12.538	.23515	26.41	.63554	.34135
#2	19.226	2.7603	.10379	12.499	.23876	26.54	.62987	.53059
#3	19.171	2.8195	.10545	12.483	.23404	26.56	.63299	.24356

Sample Name: K2851-01 Acquired: 5/15/2019 17:02:54 Type: Unk
 Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 148.02
Stddev	1.61
%RSD	1.0847

#1	147.71
#2	146.60
#3	149.76

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4642.8	53046.	5499.4	60.783	3805.8
Stddev	6.1	101.	26.2	1.015	7.7
%RSD	.13235	.19011	.47723	1.6706	.20161

#1	4640.8	53005.	5471.2	59.876	3814.5
#2	4649.7	52972.	5503.9	61.880	3802.9
#3	4638.0	53161.	5523.1	60.592	3800.0

Sample Name: K2852-04 Acquired: 5/15/2019 17:07:28 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04004	-.04033	.11324	-.01209	-.00533	194.17	1.1517	.01565
Stddev	.00294	.00094	.00036	.00177	.00045	1.43	.0090	.00006
%RSD	7.3470	2.3243	.31405	14.636	8.3902	.73878	.77782	.39007
#1	.03734	-.03988	.11330	-.01097	-.00492	195.31	1.1592	.01558
#2	.04318	-.04141	.11356	-.01117	-.00528	194.65	1.1541	.01568
#3	.03962	-.03971	.11286	-.01413	-.00581	192.56	1.1417	.01568
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00198	F 1838.1	.39958	.06312	.27426	101.99	3.0342	96.793
Stddev	.00010	5.5	.00253	.00018	.00143	.65	.0086	.809
%RSD	4.9302	.29839	.63260	.28517	.52206	.63651	.28175	.83529
#1	-.00200	1841.8	.39913	.06330	.27572	102.46	3.0363	97.575
#2	-.00207	1831.8	.39730	.06311	.27286	102.26	3.0415	96.845
#3	-.00188	1840.7	.40230	.06294	.27419	101.25	3.0248	95.961
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17022	-.01137	7.9905	.27834	.55869	19.639	.01907	.28304
Stddev	.00053	.00069	.0597	.00160	.00261	.188	.00013	.01404
%RSD	.31301	6.0786	.74663	.57309	.46686	.95836	.69767	4.9608
#1	.17074	-.01069	8.0419	.27718	.55575	19.753	.01908	.26737
#2	.16967	-.01134	8.0045	.27768	.56072	19.743	.01920	.28726
#3	.17024	-.01207	7.9251	.28016	.55960	19.422	.01893	.29448
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 91.696	1.0514	-.00807	7.1576	.22821	6.559	F 10.710	4.2373
Stddev	.377	.0149	.00216	.0210	.00107	.008	.114	.0788
%RSD	.41156	1.4160	26.728	.29382	.46829	.1159	1.0619	1.8586
#1	91.272	1.0453	-.00578	7.1686	.22944	6.565	10.684	4.2474
#2	91.994	1.0406	-.00836	7.1709	.22771	6.561	10.612	4.1539
#3	91.823	1.0684	-.01007	7.1334	.22749	6.551	10.835	4.3104

Sample Name: K2852-04 Acquired: 5/15/2019 17:07:28 Type: Unk
 Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	38.363
Stddev	.522
%RSD	1.3600

#1	37.768
#2	38.576
#3	38.744

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4080.4	45545.	5060.0	57.185	3462.0
Stddev	2.1	241.	25.0	1.291	18.1
%RSD	.05142	.52930	.49340	2.2567	.52170

#1	4082.3	45428.	5066.9	56.438	3482.9
#2	4078.1	45384.	5080.8	58.676	3450.8
#3	4080.6	45822.	5032.3	56.443	3452.4

Sample Name: K2852-06 Acquired: 5/15/2019 17:12:13 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03498	-.03662	.10889	-.01052	-.00512	179.79	1.0322	.01433
Stddev	.00454	.00238	.00111	.00276	.00058	.71	.0006	.00023
%RSD	12.985	6.4925	1.0216	26.216	11.336	.39273	.05667	1.6329
#1	.02974	-.03797	.10783	-.01001	-.00448	179.37	1.0327	.01425
#2	.03740	-.03387	.10878	-.00806	-.00562	180.61	1.0323	.01414
#3	.03780	-.03801	.11005	-.01350	-.00527	179.39	1.0316	.01459
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00204	1609.3	.35156	.06135	.30348	98.039	2.6997	85.951
Stddev	.00009	5.3	.00133	.00028	.00188	.195	.0096	.085
%RSD	4.5245	.32698	.37959	.45725	.61832	.19854	.35574	.09910
#1	-.00210	1609.7	.35288	.06152	.30526	98.228	2.7104	85.871
#2	-.00193	1603.8	.35021	.06150	.30367	97.840	2.6966	86.040
#3	-.00208	1614.3	.35159	.06102	.30152	98.049	2.6920	85.943
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16257	-.01072	6.6868	.28068	.51123	11.067	.01506	.26238
Stddev	.00020	.00051	.0043	.00165	.00188	.049	.00080	.02147
%RSD	.12296	4.7168	.06405	.58824	.36704	.44659	5.3253	8.1814
#1	.16244	-.01016	6.6911	.28051	.50996	11.011	.01568	.28591
#2	.16248	-.01113	6.6868	.27912	.51035	11.086	.01534	.24386
#3	.16280	-.01087	6.6825	.28241	.51339	11.104	.01415	.25736
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 74.838	.97118	-.00551	6.7792	.20887	6.547	9.4384	3.8299
Stddev	.404	.01534	.00085	.0097	.00076	.026	.0618	.1651
%RSD	.53961	1.5798	15.475	.14300	.36568	.4037	.65489	4.3107
#1	74.624	.98837	-.00454	6.7903	.20824	6.571	9.5077	3.6924
#2	74.587	.95888	-.00610	6.7724	.20972	6.519	9.4186	3.7843
#3	75.304	.96628	-.00590	6.7749	.20864	6.552	9.3889	4.0130

Sample Name: K2852-06 Acquired: 5/15/2019 17:12:13 Type: Unk
 Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	36.846
Stddev	.500
%RSD	1.3561

#1	36.601
#2	36.517
#3	37.421

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4126.7	45677.	4988.9	56.956	3547.9
Stddev	15.7	80.	38.8	1.975	9.7
%RSD	.37971	.17506	.77762	3.4672	.27202

#1	4118.8	45585.	4946.7	58.483	3556.9
#2	4116.6	45732.	5023.0	57.659	3549.1
#3	4144.7	45713.	4997.0	54.726	3537.7

Sample Name: K2852-04DLX10 Acquired: 5/15/2019 17:18:31 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00513	-.00554	.01620	-.00028	-.00736	18.893	.11557	.00160
Stddev	.00345	.00036	.00037	.00249	.00147	.062	.00171	.00006
%RSD	67.261	6.5354	2.3010	887.56	20.032	.32787	1.4801	3.7589

#1	.00666	-.00595	.01588	.00139	-.00784	18.931	.11742	.00159
#2	.00754	-.00526	.01611	-.00314	-.00571	18.927	.11524	.00155
#3	.00118	-.00541	.01661	.00091	-.00854	18.822	.11405	.00166

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00056	216.91	.04459	.00594	.03212	12.282	.34703	10.288
Stddev	.00005	.98	.00031	.00015	.00045	.015	.00157	.066
%RSD	8.0913	.45169	.70396	2.4539	1.4130	.12002	.45231	.64607

#1	-.00051	216.12	.04479	.00593	.03209	12.280	.34876	10.252
#2	-.00057	216.61	.04423	.00609	.03168	12.298	.34663	10.248
#3	-.00059	218.01	.04476	.00580	.03259	12.269	.34570	10.365

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01652	-.00208	.76514	.03086	.05139	1.9295	.00187	.04951
Stddev	.00058	.00023	.00825	.00039	.00031	.0406	.00010	.00755
%RSD	3.5347	10.930	1.0788	1.2759	.60126	2.1019	5.4004	15.250

#1	.01661	-.00185	.76524	.03129	.05106	1.8932	.00192	.05814
#2	.01590	-.00209	.77335	.03078	.05144	1.9220	.00194	.04412
#3	.01706	-.00230	.75684	.03052	.05167	1.9732	.00176	.04627

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.2286	.12627	-.00080	.80701	.02317	.5925	1.2092	3.3363
Stddev	.0235	.00274	.00018	.00095	.00178	.0051	.0029	.2396
%RSD	.28585	2.1703	22.755	.11712	7.6702	.8545	.24362	7.1823

#1	8.2017	.12716	-.00101	.80769	.02167	.5880	1.2068	3.0600
#2	8.2390	.12845	-.00067	.80593	.02270	.5980	1.2084	3.4624
#3	8.2452	.12319	-.00072	.80741	.02513	.5916	1.2125	3.4867

Sample Name: K2852-04DLX10 Acquired: 5/15/2019 17:18:31 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.7860
Stddev .4868
%RSD 10.171

#1 5.1637
#2 4.2367
#3 4.9577

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4396.5	49086.	4799.0	63.249	4367.0
Stddev	8.8	187.	7.5	.336	14.2
%RSD	.20104	.38080	.15719	.53148	.32574

#1	4387.5	48919.	4797.7	63.178	4350.9
#2	4405.2	49052.	4807.1	63.614	4377.9
#3	4396.8	49288.	4792.1	62.953	4372.0

Sample Name: CCV06 Acquired: 5/15/2019 17:22:50 Type: Unk
Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9197	4.9352	4.9628	4.9577	4.8930	9.6864	9.9597	.24317
Stddev	.0036	.0089	.0095	.0033	.0059	.0542	.0770	.00058
%RSD	.07332	.18071	.19120	.06592	.11967	.55985	.77311	.23675
#1	4.9233	4.9416	4.9566	4.9595	4.8997	9.6305	9.8849	.24269
#2	4.9199	4.9390	4.9738	4.9597	4.8906	9.7388	10.039	.24301
#3	4.9161	4.9250	4.9582	4.9540	4.8888	9.6899	9.9554	.24381
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4425	25.227	.98934	2.4172	1.1985	4.9708	2.4627	24.265
Stddev	.0038	.017	.00279	.0005	.0001	.0188	.0043	.220
%RSD	.15376	.06605	.28162	.02147	.00836	.37746	.17338	.90868
#1	2.4442	25.241	.99094	2.4167	1.1986	4.9663	2.4598	24.091
#2	2.4452	25.231	.99095	2.4177	1.1985	4.9914	2.4676	24.513
#3	2.4382	25.209	.98612	2.4173	1.1984	4.9547	2.4606	24.191
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4486	1.2640	24.591	2.4978	2.4494	24.833	5.0449	4.8684
Stddev	.0048	.0010	.110	.0026	.0024	.111	.0047	.0197
%RSD	.19618	.07480	.44548	.10424	.09972	.44866	.09373	.40440
#1	2.4510	1.2648	24.534	2.4979	2.4520	24.949	5.0481	4.8892
#2	2.4518	1.2642	24.717	2.5004	2.4491	24.824	5.0472	4.8658
#3	2.4431	1.2630	24.521	2.4952	2.4471	24.727	5.0395	4.8501
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9623	5.1816	4.9741	4.9724	4.9806	5.013	5.0600	F 3.5970
Stddev	.0138	.0203	.0065	.0050	.0187	.005	.0136	.1941
%RSD	.27912	.39169	.13030	.09986	.37450	.0977	.26855	5.3949
#1	4.9689	5.1886	4.9806	4.9748	5.0008	5.015	5.0729	3.4843
#2	4.9716	5.1587	4.9742	4.9667	4.9641	5.008	5.0458	3.8210
#3	4.9464	5.1975	4.9676	4.9757	4.9769	5.017	5.0613	3.4856

Sample Name: CCV06 Acquired: 5/15/2019 17:22:50 Type: Unk
 Method: P4-ICP2(v3124) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.7015
Stddev	.1996
%RSD	7.3895

#1	2.4777
#2	2.7652
#3	2.8614

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4458.9	49832.	4783.2	62.143	4392.2
Stddev	10.5	109.	21.9	.856	11.6
%RSD	.23460	.21871	.45835	1.3776	.26474

#1	4447.8	49848.	4762.8	62.662	4380.4
#2	4460.4	49715.	4806.4	62.612	4392.7
#3	4468.6	49931.	4780.6	61.155	4403.6

Sample Name: CCB06 Acquired: 5/15/2019 17:26:55 Type: Unk
Method: P4-ICP2(v3124) 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	-.00092	.00025	F .00473	-.00288	-.00223	-.02178	.00028
Stddev	.00064	.00087	.00015	.00273	.00093	.01355	.00035
%RSD	69.210	349.58	3.2267	94.867	41.680	62.200	125.35

#1	-.00097	.00114	.00459	-.00015	-.00327	-.03501	.00059
#2	-.00026	.00022	.00469	-.00562	-.00150	-.02240	.00035
#3	-.00153	-.00061	.00489	-.00287	-.00191	-.00794	-.00010

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00002	-.00754	.00009	-.00026	-.00043	-.00007
Stddev	.00007	.00008	.00625	.00004	.00023	.00024	.00050
%RSD	1769.2	328.16	82.778	46.995	87.348	56.630	723.07

#1	.00000	-.00002	-.00122	.00014	-.00006	-.00034	.00011
#2	-.00008	-.00002	-.01371	.00006	-.00021	-.00070	.00032
#3	.00007	.00012	-.00770	.00007	-.00051	-.00024	-.00064

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.00087	.00010	-.00050	.00372	.00019	.00017
Stddev	.00000	.01688	.00028	.00045	.01248	.00019	.00003
%RSD	5.1397	1934.4	284.43	90.427	335.74	98.251	18.079

#1	-.00008	-.01990	-.00004	-.00065	-.00296	.00026	.00020
#2	-.00009	.00495	.00043	-.00087	-.00401	-.00002	.00014
#3	-.00009	.01233	-.00009	.00001	.01811	.00034	.00016

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06191	.00035	.01232	F .00775	.00435	.00019	-.00032
Stddev	.03911	.00008	.01436	.00266	.00134	.00081	.00071
%RSD	63.181	23.074	116.59	34.285	30.881	428.99	223.37

#1	.07701	.00042	.02733	.00713	.00426	.00013	-.00109
#2	.01749	.00037	-.00129	.01066	.00574	-.00059	.00030
#3	.09122	.00026	.01091	.00546	.00306	.00102	-.00016

Sample Name: CCB06 Acquired: 5/15/2019 17:26:55 Type: Unk
 Method: P4-ICP2(v3124) 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	-.00176	-.0007	.00016	F 2.2748	F<.00000
Stddev	.00249	.0007	.00008	.1014	.37690
%RSD	141.51	92.36	51.249	4.4552	127.10

#1	-.00126	-.0000	.00026	2.1919	-.73175
#2	-.00447	-.0014	.00012	2.3878	-.07846
#3	.00044	-.0008	.00011	2.2446	-.07943

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4639.4	52633.	4879.5	65.889	4905.6
Stddev	9.2	63.	13.3	.592	4.5
%RSD	.19794	.12020	.27314	.89792	.09259

#1	4646.6	52649.	4871.9	66.517	4910.0
#2	4642.5	52688.	4871.8	65.808	4906.0
#3	4629.0	52564.	4894.9	65.342	4900.9