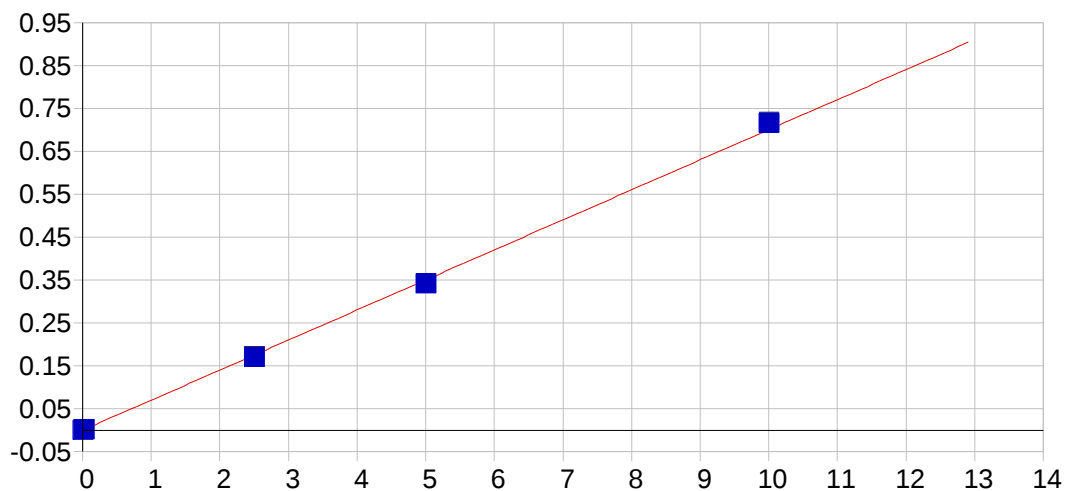


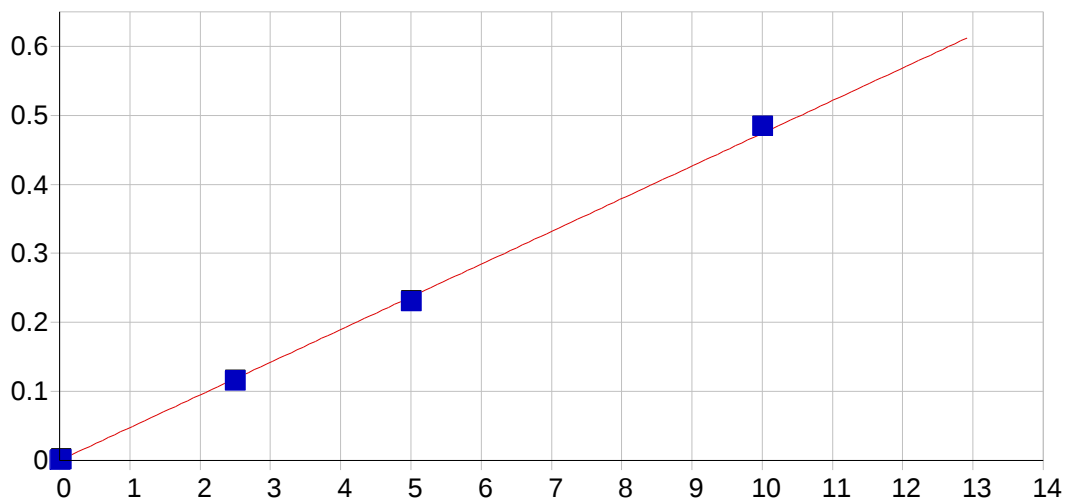


As 189.042 {478}

Date of Fit: 5/3/2019 14:45:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000294 Re-Slope: 1.000000
 A1 (Gain): 0.070096 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999683 Status: OK.
 Std Error of Est: 0.000043
 Predicted MDL: 0.002549
 Predicted MQL: 0.008498

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00029	.000	1
S1	.02000	.01999	-.000	-.031	.00111	.000	1
S3	2.5000	2.4217	-.078	-3.13	.16944	.001	1
S4	5.0000	4.8602	-.140	-2.80	.34036	.001	1
S5	10.000	10.218	.218	2.18	.71591	.001	1



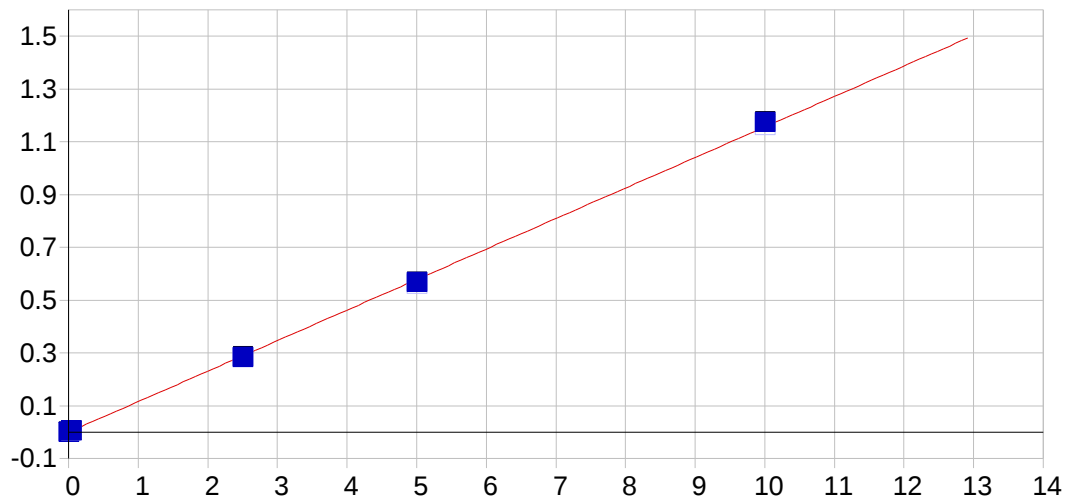
As 189.042 {479}

Date of Fit: 5/3/2019 14:45:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000212 Re-Slope: 1.000000

A1 (Gain): 0.047373 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999671 Status: OK.
 Std Error of Est: 0.000029
 Predicted MDL: 0.002403
 Predicted MQL: 0.008011

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00021	.000	1
S1	.02000	.02408	.004	20.4	.00135	.000	1
S3	2.5000	2.4286	-.071	-2.86	.11526	.000	1
S4	5.0000	4.8555	-.144	-2.89	.23024	.000	1
S5	10.000	10.212	.212	2.12	.48399	.000	1

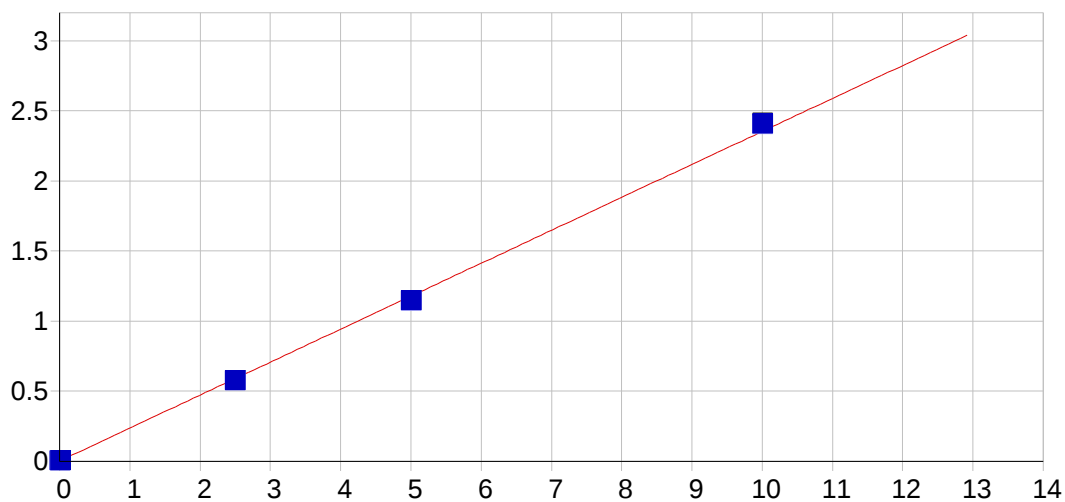


TI 190.856 {477}

Date of Fit: 5/3/2019 14:45:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000316 Re-Slope: 1.000000
 A1 (Gain): 0.115637 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999853 Status: OK.
 Std Error of Est: 0.000067
 Predicted MDL: 0.001205
 Predicted MQL: 0.004018

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00032	.000	1
S1	.04000	.04217	.002	5.43	.00444	.000	1
S3	2.5000	2.4508	-.049	-1.97	.28012	.002	1
S4	5.0000	4.9030	-.097	-1.94	.56072	.001	1
S5	10.000	10.144	.144	1.44	1.1609	.002	1

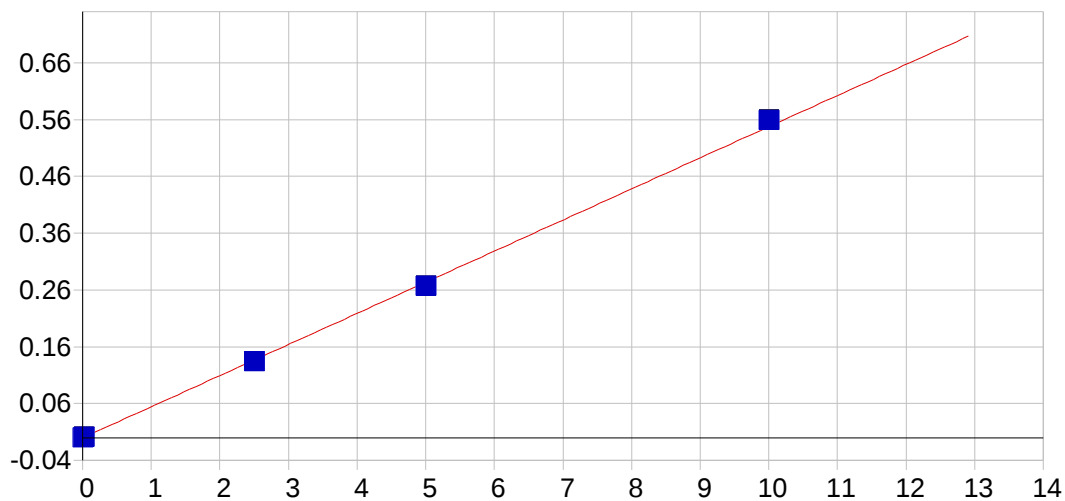


Pb 220.353 (453)

Date of Fit: 5/3/2019 14:45:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002946 Re-Slope: 1.000000
 A1 (Gain): 0.235048 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999693 Status: OK.
 Std Error of Est: 0.000109
 Predicted MDL: 0.000979
 Predicted MQL: 0.003263

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00295	.000	1
S1	.01200	.01058	-.001	-11.9	.00538	.000	1
S3	2.5000	2.4312	-.069	-2.75	.57360	.001	1
S4	5.0000	4.8566	-.143	-2.87	1.1429	.002	1
S5	10.000	10.214	.214	2.14	2.4004	.009	1



Se 196.090 (472)

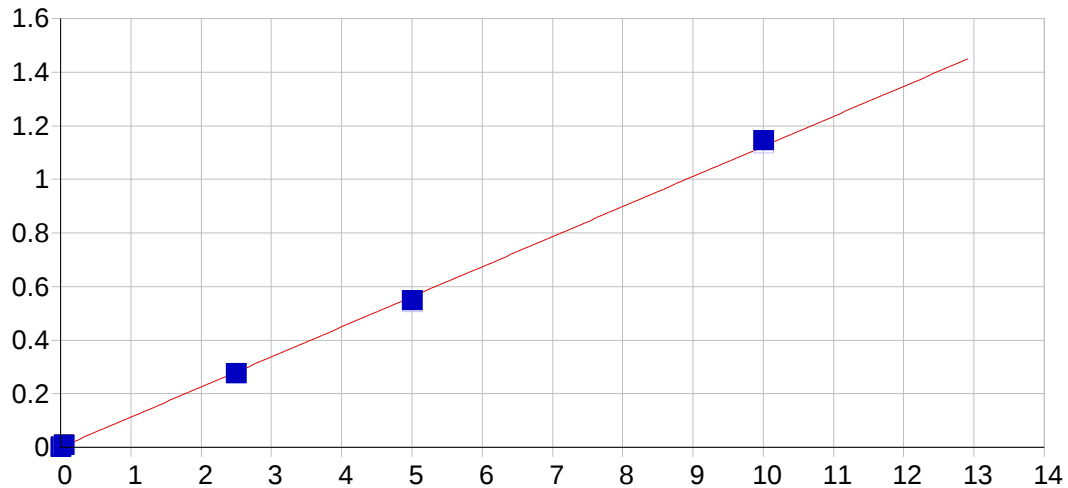
Date of Fit: 5/3/2019 14:45:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000469 Re-Slope: 1.000000
 A1 (Gain): 0.054792 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999735
 Std Error of Est: 0.000030
 Predicted MDL: 0.003013
 Predicted MQL: 0.010045

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00047	.000	1
S1	.02000	.02256	.003	12.8	.00077	.000	1
S3	2.5000	2.4373	-.063	-2.51	.13304	.000	1
S4	5.0000	4.8656	-.134	-2.69	.26606	.000	1
S5	10.000	10.195	.195	1.95	.55799	.002	1



Sb 206.833 {463}

Date of Fit: 5/3/2019 14:45:36

Type of Fit: Linear

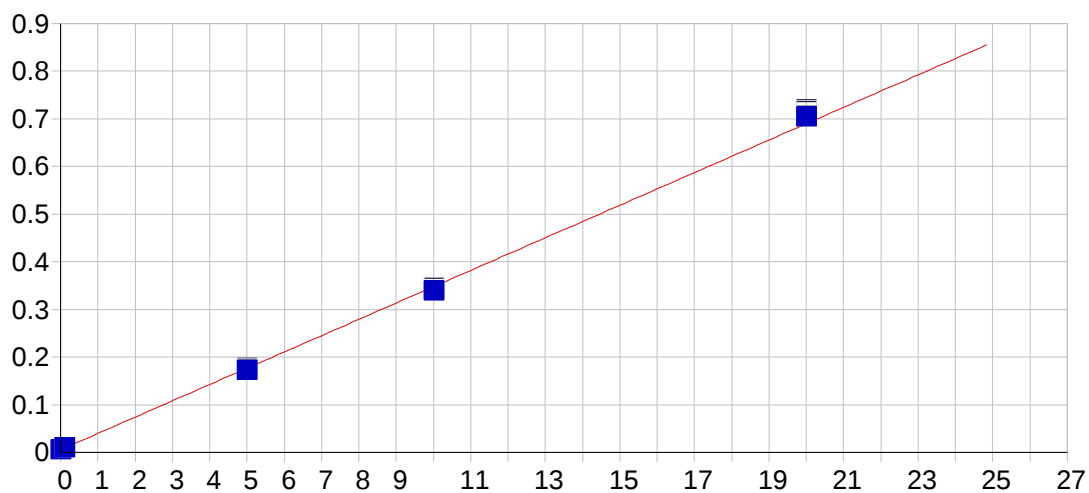
Weighting: 1/Conc

A0 (Offset): 0.000545
 A1 (Gain): 0.112205
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999760
 Std Error of Est: 0.000093
 Predicted MDL: 0.001780
 Predicted MQL: 0.005934

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	.00054	.000	1
S1	.05000	.05160	.002	3.20	.00619	.000	1
S3	2.5000	2.4467	-.053	-2.13	.27192	.000	1
S4	5.0000	4.8658	-.134	-2.68	.54021	.000	1
S5	10.000	10.186	.186	1.86	1.1308	.001	1

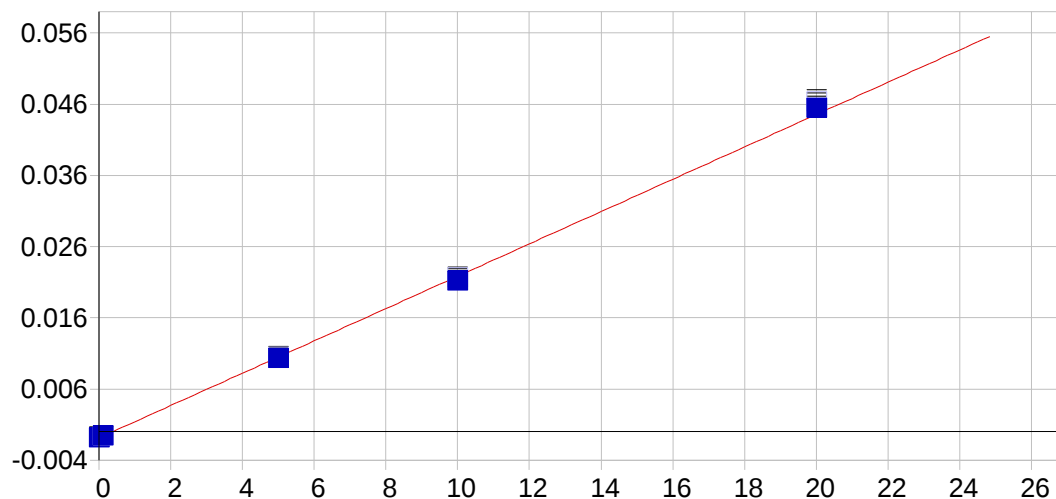


AI 308.215 {109}

Date of Fit: 5/3/2019 14:45:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005591 Re-Slope: 1.000000
 A1 (Gain): 0.034214 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999726 Status: OK.
 Std Error of Est: 0.000063
 Predicted MDL: 0.002621
 Predicted MQL: 0.008736

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00559	.000	1
S1	.10000	.11071	.011	10.7	.00962	.000	1
S3	5.0000	4.8737	-.126	-2.53	.17575	.000	1
S4	10.000	9.7192	-.281	-2.81	.34493	.000	1
S5	20.000	20.396	.396	1.98	.71703	.002	1



AI 309.271 {109}

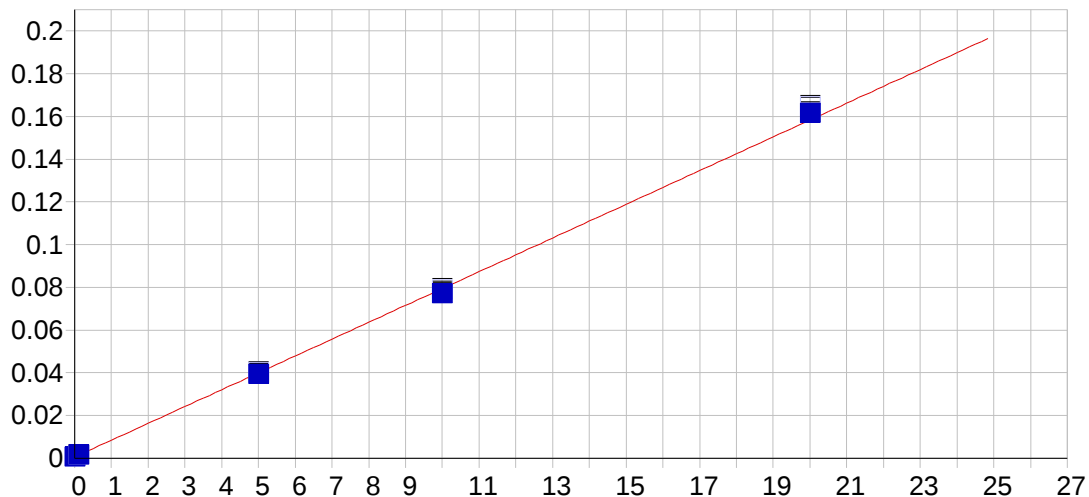
Date of Fit: 5/3/2019 14:45:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000854 Re-Slope: 1.000000
 A1 (Gain): 0.002270 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999749
 Std Error of Est: 0.000004
 Predicted MDL: 0.029053
 Predicted MQL: 0.096844

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00085	.000	1
S1	.10000	.09995	-.000	-.045	-.00061	.000	1
S3	5.0000	4.8931	-.107	-2.14	.01048	.000	1
S4	10.000	9.7125	-.288	-2.88	.02165	.000	1
S5	20.000	20.394	.394	1.97	.04634	.000	1



AI 396.152 { 85}

Date of Fit: 5/3/2019 14:45:36

Type of Fit: Linear

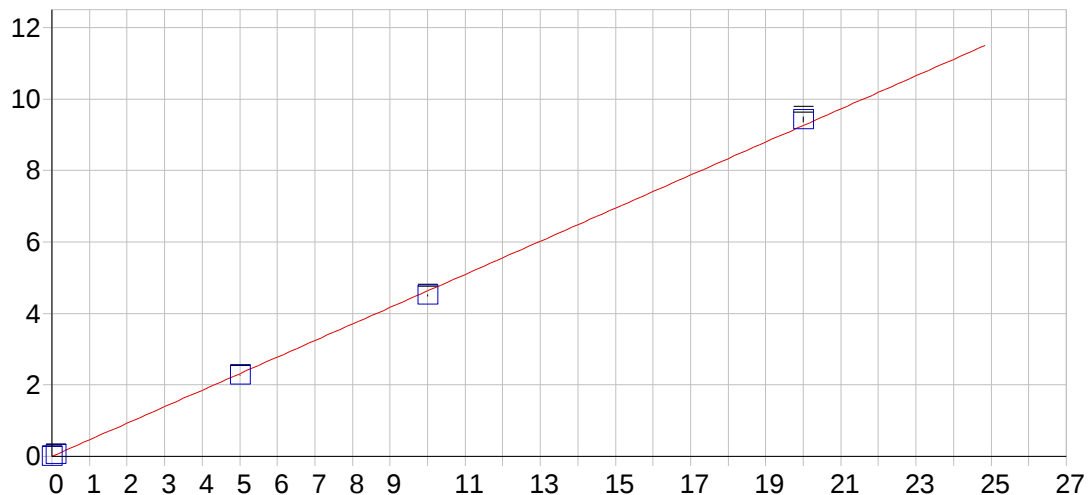
Weighting: 1/Conc

A0 (Offset): 0.000591
 A1 (Gain): 0.007886
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999747
 Std Error of Est: 0.000014
 Predicted MDL: 0.012995
 Predicted MQL: 0.043317

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	.00059	.000	1
S1	.10000	.09947	-.001	-.527	.00143	.000	1
S3	5.0000	4.9076	-.092	-1.85	.04008	.000	1
S4	10.000	9.6996	-.300	-3.00	.07866	.001	1
S5	20.000	20.393	.393	1.97	.16456	.000	1

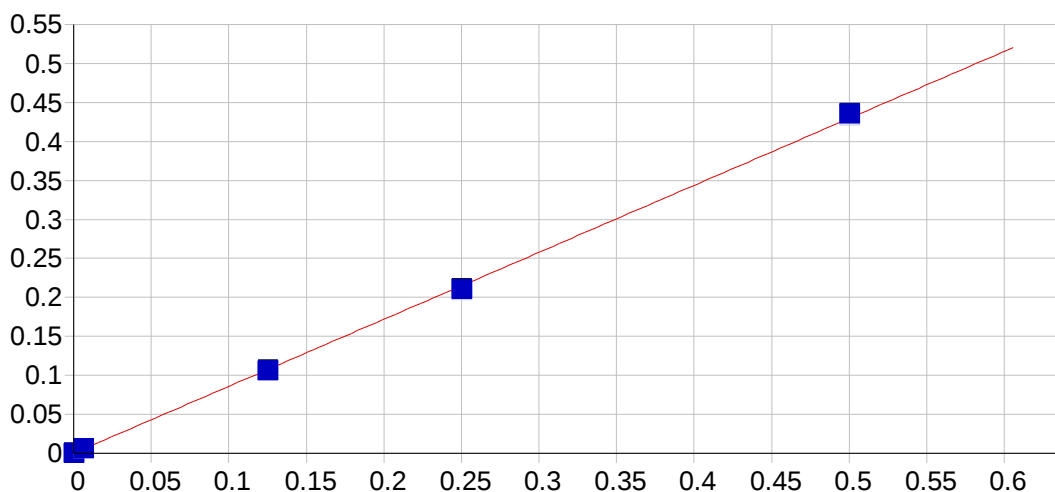


Ba 493.409 { 68}

Date of Fit: 5/3/2019 14:45:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001215 Re-Slope: 1.000000
 A1 (Gain): 0.462929 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999778 Status: OK.
 Std Error of Est: 0.000746
 Predicted MDL: 0.000514
 Predicted MQL: 0.001712

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00121	.000	1
S1	.10000	.10451	.005	4.51	.04959	.000	1
S3	5.0000	4.8953	-.105	-2.09	2.2674	.016	1
S5	20.000	20.360	.360	1.80	9.4263	.081	1
S4	10.000	9.7406	-.259	-2.59	4.5104	.027	1



Be 234.861 {144}

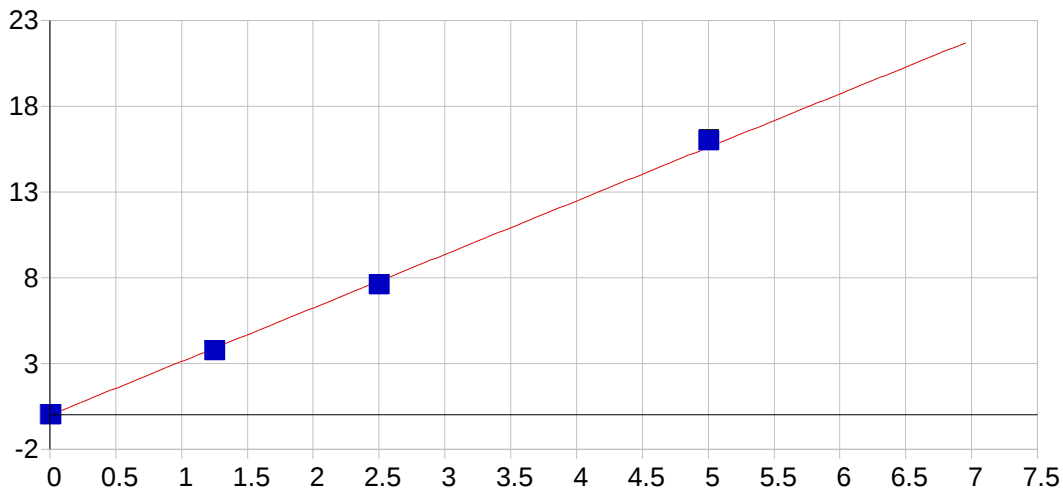
Date of Fit: 5/3/2019 14:45:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000024 Re-Slope: 1.000000
 A1 (Gain): 0.859128 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999840
 Std Error of Est: 0.000045
 Predicted MDL: 0.000069
 Predicted MQL: 0.000229

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00002	.000	1
S1	.00600	.00650	.000	8.29	.00555	.000	1
S3	.12500	.12340	-.002	-1.28	.10537	.000	1
S4	.25000	.24439	-.006	-2.25	.20863	.001	1
S5	.50000	.50672	.007	1.34	.43265	.000	1



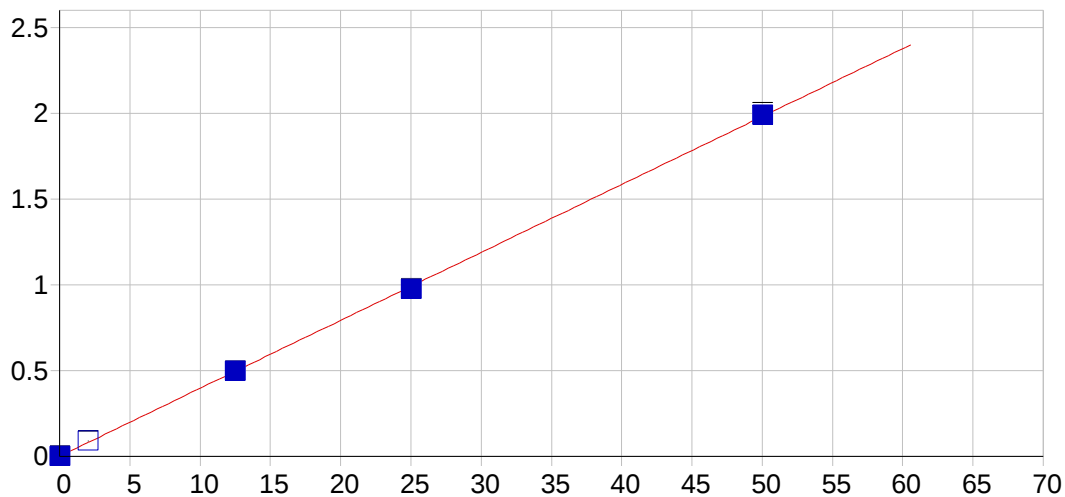
Date of Fit: 5/3/2019 14:45:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002428
 A1 (Gain): 3.121538
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999611
 Std Error of Est: 0.000814
 Predicted MDL: 0.000083
 Predicted MQL: 0.000277

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	-.00243	.000	1
S1	.00600	.00604	.000	.701	.01647	.000	1
S3	1.2500	1.1992	-.051	-4.06	3.7419	.004	1
S4	2.5000	2.4312	-.069	-2.75	7.5884	.009	1
S5	5.0000	5.1195	.120	2.39	15.982	.042	1

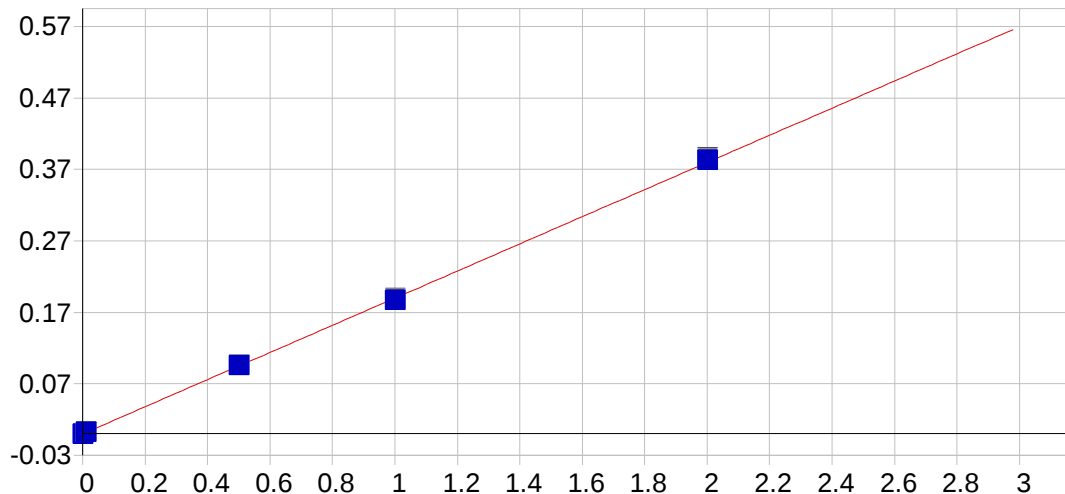


Ca 373.690 { 90}

Date of Fit: 5/3/2019 14:45:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000990 Re-Slope: 1.000000
 A1 (Gain): 0.039597 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999771 Status: OK.
 Std Error of Est: 0.000463
 Predicted MDL: 0.016996
 Predicted MQL: 0.056653

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2583	.258	12.9	.09041	.000	1
S0	.00000	-.00023	-.000	.000	.00098	.001	1
S3	12.500	12.473	-.027	-.212	.49517	.002	1
S4	25.000	24.584	-.416	-1.66	.97499	.003	1
S5	50.000	50.184	.184	.369	1.9892	.014	1



Cr 267.716 {126}

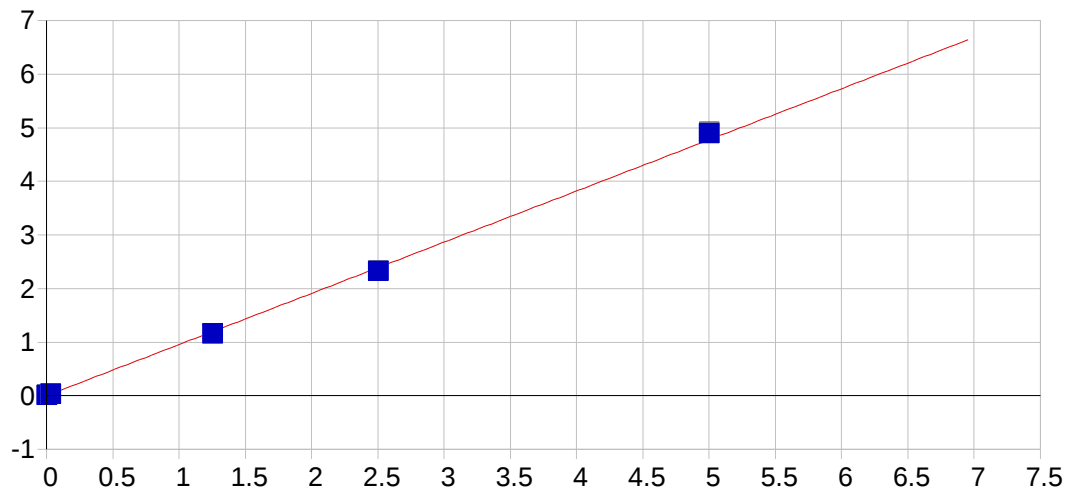
Date of Fit: 5/3/2019 14:45:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000060 Re-Slope: 1.000000
 A1 (Gain): 0.189906 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999940
 Std Error of Est: 0.000016
 Predicted MDL: 0.000428
 Predicted MQL: 0.001425

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00006	.000	1
S1	.01000	.01061	.001	6.10	.00197	.000	1
S3	.50000	.50092	.001	.184	.09581	.000	1
S4	1.0000	.98341	-.017	-1.66	.18819	.001	1
S5	2.0000	2.0151	.015	.753	.38560	.001	1



Co 228.616 {447}

Date of Fit: 5/3/2019 14:45:36

Type of Fit: Linear

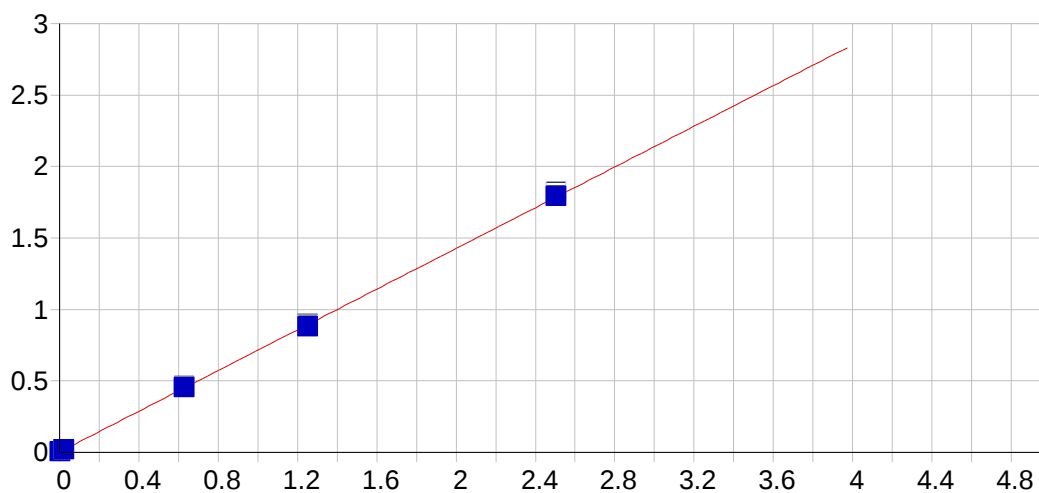
Weighting: 1/Conc

A0 (Offset): 0.000092
 A1 (Gain): 0.954811
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999602
 Std Error of Est: 0.000565
 Predicted MDL: 0.000231
 Predicted MQL: 0.000770

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00009	.000	1
S1	.03000	.02985	-.000	-.484	.02840	.000	1
S3	1.2500	1.2037	-.046	-3.70	1.1504	.000	1
S4	2.5000	2.4241	-.076	-3.04	2.3165	.004	1
S5	5.0000	5.1223	.122	2.45	4.8947	.014	1

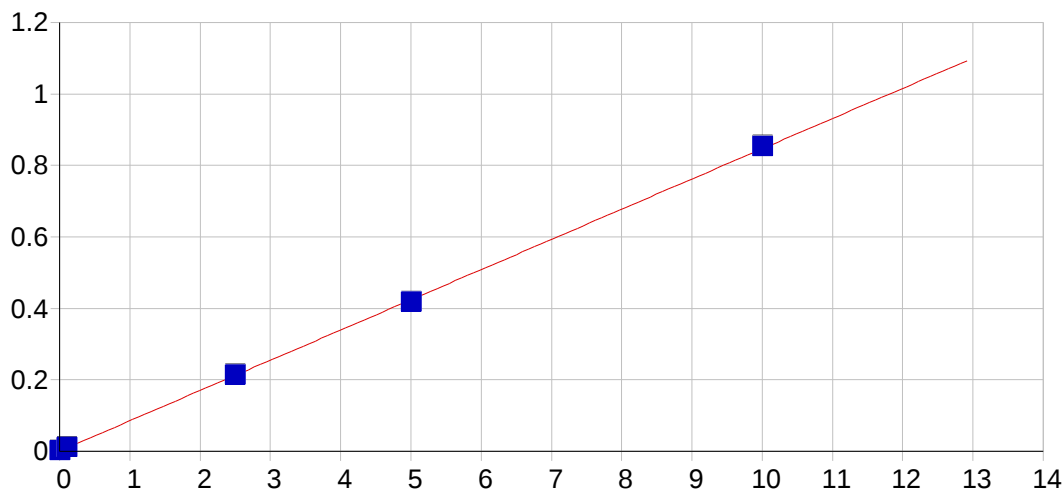


Cu 224.700 {450}

Date of Fit: 5/3/2019 14:45:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002868 Re-Slope: 1.000000
 A1 (Gain): 0.712027 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999918 Status: OK.
 Std Error of Est: 0.000112
 Predicted MDL: 0.000414
 Predicted MQL: 0.001379

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00287	.000	1
S1	.02000	.02248	.002	12.4	.01910	.000	1
S3	.62500	.63030	.005	.848	.45885	.001	1
S4	1.2500	1.2298	-.020	-1.62	.89289	.003	1
S5	2.5000	2.5124	.012	.498	1.8206	.001	1



Fe 240.488 {140}

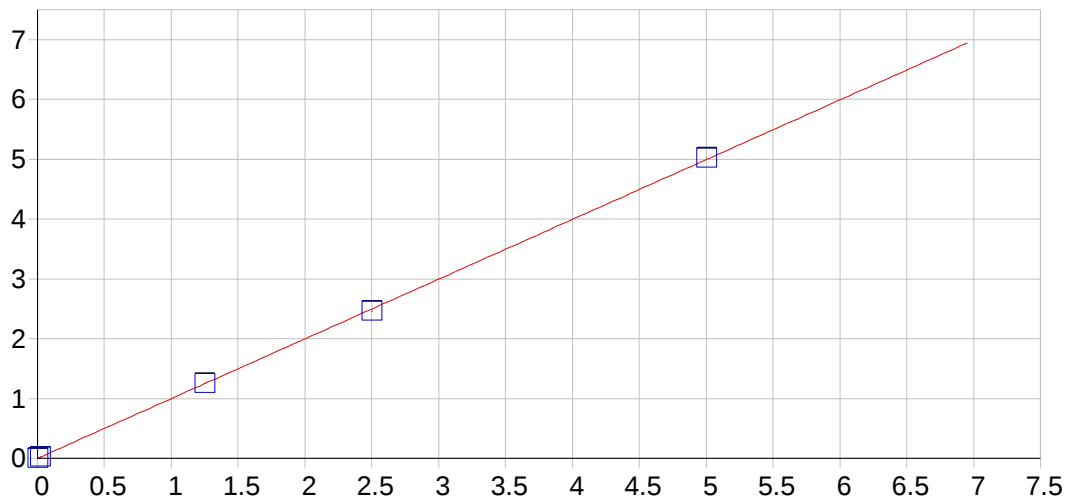
Date of Fit: 5/3/2019 14:45:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001026 Re-Slope: 1.000000
 A1 (Gain): 0.084566 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999931
 Std Error of Est: 0.000054
 Predicted MDL: 0.000732
 Predicted MQL: 0.002439

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00103	.000	1
S1	.10000	.10793	.008	7.93	.01019	.000	1
S3	2.5000	2.5152	.015	.607	.21451	.000	1
S4	5.0000	4.9172	-.083	-1.66	.41843	.001	1
S5	10.000	10.060	.060	.597	.85489	.001	1



Mn 257.610 {131}

Date of Fit: 5/3/2019 14:45:36

Type of Fit: Linear

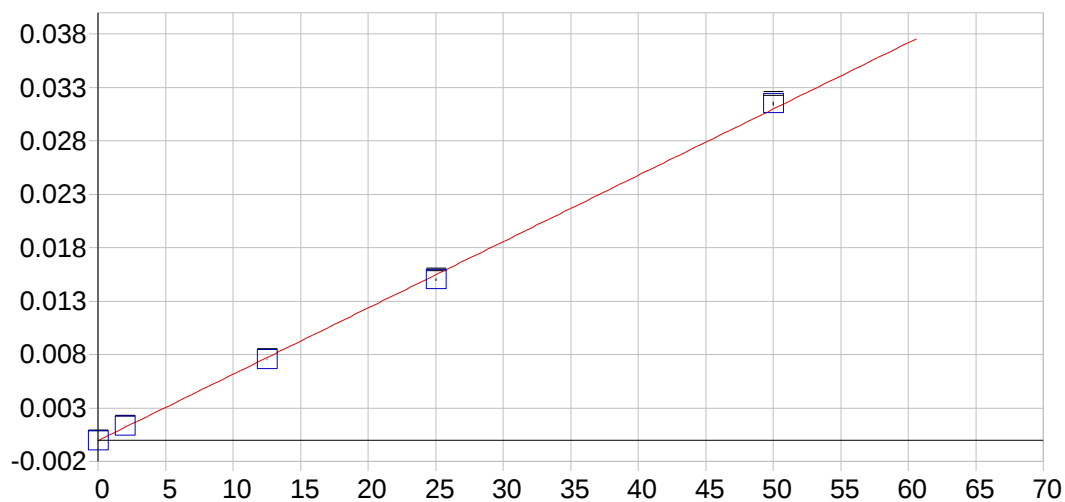
Weighting: 1/Conc

A0 (Offset): 0.000240
 A1 (Gain): 0.998574
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999946
 Std Error of Est: 0.000178
 Predicted MDL: 0.000070
 Predicted MQL: 0.000235

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	.00024	.000	1
S1	.02000	.02264	.003	13.2	.02284	.000	1
S3	1.2500	1.2538	.004	.303	1.2522	.002	1
S4	2.5000	2.4666	-.033	-1.33	2.4633	.000	1
S5	5.0000	5.0269	.027	.539	5.0200	.005	1

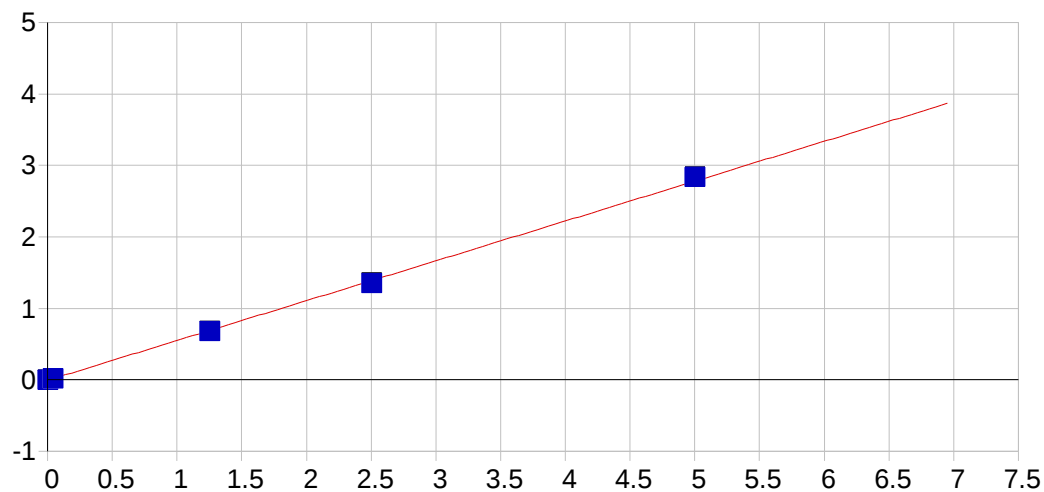


Mg 279.079 {121}

Date of Fit: 5/3/2019 14:45:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000053 Re-Slope: 1.000000
 A1 (Gain): 0.000621 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999667 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.049194
 Predicted MQL: 0.163979

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1990	.199	9.95	.00131	.000	1
S0	.00000	-.00013	-.000	.000	-.00005	.000	1
S3	12.500	12.234	-.266	-2.13	.00754	.000	1
S4	25.000	24.269	-.731	-2.92	.01501	.000	1
S5	50.000	50.798	.798	1.60	.03148	.000	1



Ni 231.604 {445}

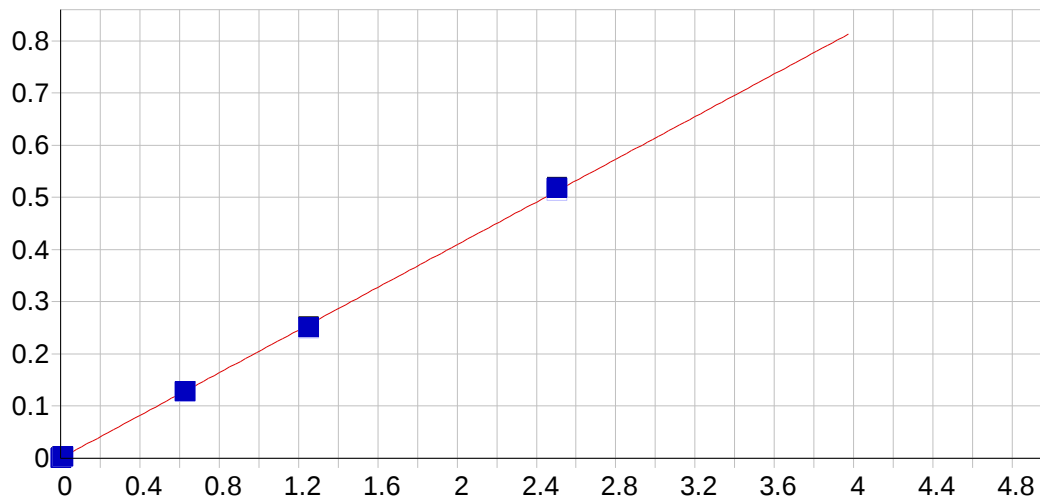
Date of Fit: 5/3/2019 14:45:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.007171 Re-Slope: 1.000000
 A1 (Gain): 0.557421 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999746
 Std Error of Est: 0.000304
 Predicted MDL: 0.000422
 Predicted MQL: 0.001408

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00717	.000	1
S1	.04000	.04161	.002	4.03	.01604	.000	1
S3	1.2500	1.2197	-.030	-2.43	.67346	.000	1
S4	2.5000	2.4325	-.068	-2.70	1.3503	.002	1
S5	5.0000	5.0962	.096	1.92	2.8366	.007	1



Ag 328.068 {103}

Date of Fit: 5/3/2019 14:45:36

Type of Fit: Linear

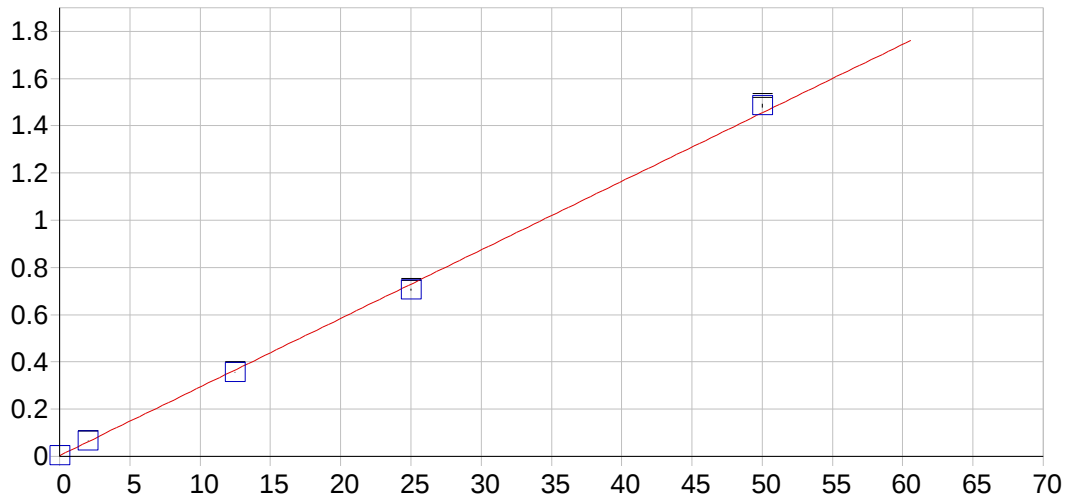
Weighting: 1/Conc

A0 (Offset): 0.000362
 A1 (Gain): 0.204567
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999884
 Std Error of Est: 0.000026
 Predicted MDL: 0.000595
 Predicted MQL: 0.001985

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	.00036	.000	1
S1	.01000	.01095	.001	9.49	.00256	.000	1
S3	.62500	.62150	-.004	-.560	.12605	.000	1
S4	1.2500	1.2238	-.026	-2.10	.24781	.001	1
S5	2.5000	2.5288	.029	1.15	.51186	.001	1

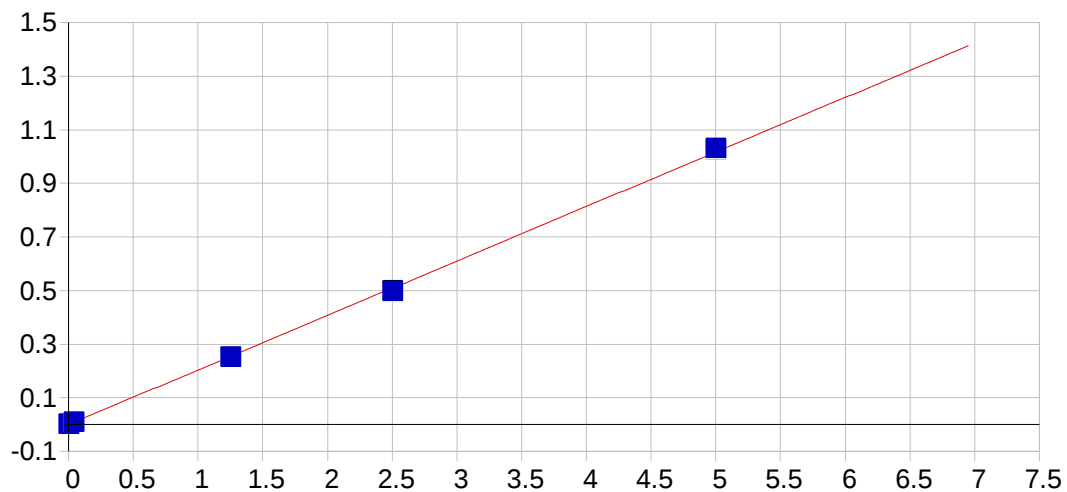


Na 589.592 { 57}

Date of Fit: 5/3/2019 14:45:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003587 Re-Slope: 1.000000
 A1 (Gain): 0.029028 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999639 Status: OK.
 Std Error of Est: 0.000426
 Predicted MDL: 0.008975
 Predicted MQL: 0.029918

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1250	.125	6.25	.06527	.000	1
S0	.00000	-.00005	-.000	.000	.00359	.000	1
S3	12.500	12.147	-.353	-2.82	.35620	.001	1
S4	25.000	24.199	-.801	-3.20	.70605	.003	1
S5	50.000	51.029	1.03	2.06	1.4849	.008	1



V 292.402 {115}

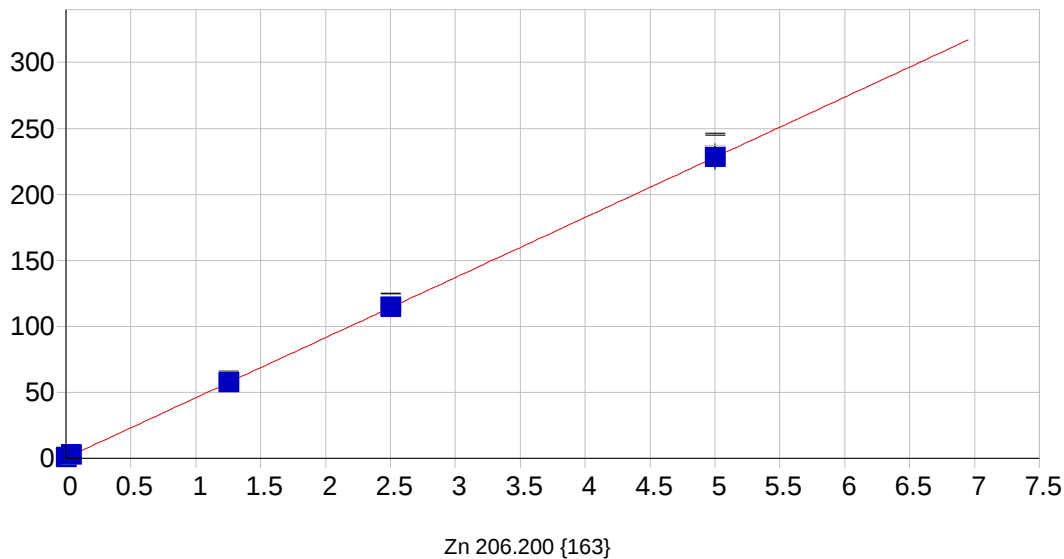
Date of Fit: 5/3/2019 14:45:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000025 Re-Slope: 1.000000
 A1 (Gain): 0.203355 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999883
 Std Error of Est: 0.000075
 Predicted MDL: 0.000461
 Predicted MQL: 0.001536

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00003	.000	1
S1	.04000	.04154	.002	3.85	.00835	.000	1
S3	1.2500	1.2374	-.013	-1.01	.24999	.000	1
S4	2.5000	2.4484	-.052	-2.06	.49460	.001	1
S5	5.0000	5.0627	.063	1.25	1.0229	.001	1



Date of Fit: 5/3/2019 14:45:36

Type of Fit: Linear

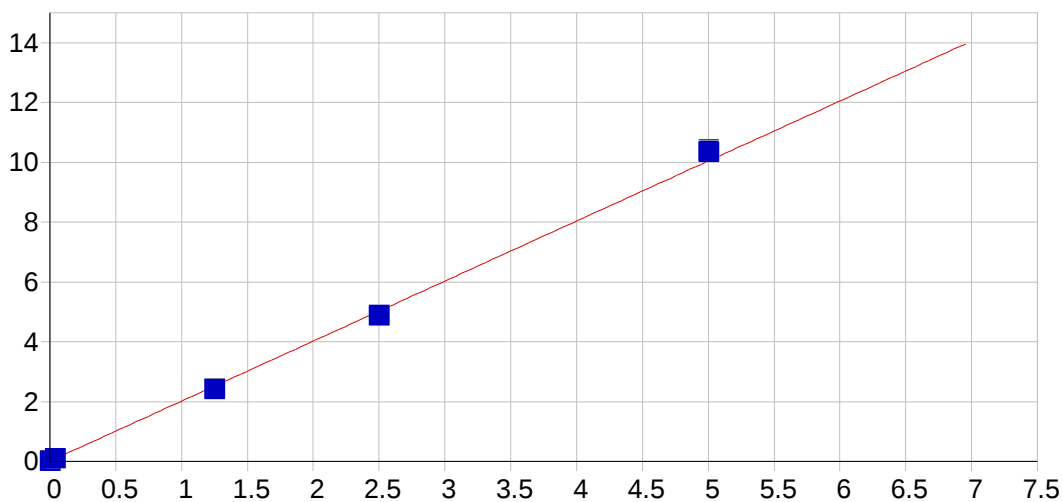
Weighting: 1/Conc

A0 (Offset): 0.320159
 A1 (Gain): 45.569040
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999994
 Std Error of Est: 0.003684
 Predicted MDL: 0.000386
 Predicted MQL: 0.001287

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	.32007	.009	1
S1	.04000	.04194	.002	4.86	2.2435	.063	1
S3	1.2500	1.2501	.000	.007	57.630	.748	1
S4	2.5000	2.5016	.002	.063	115.00	2.42	1
S5	5.0000	4.9964	-.004	-.072	229.38	9.41	1

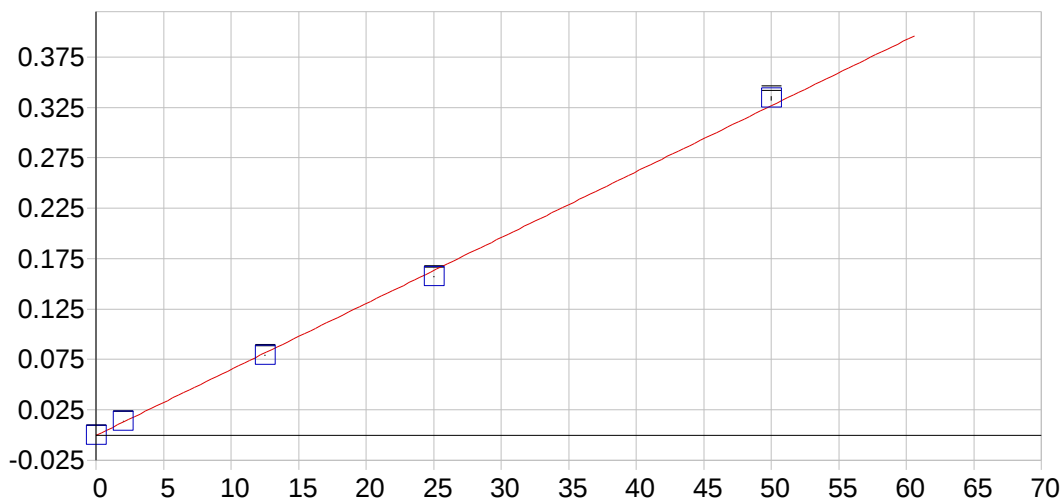


Zn 213.856 {458}

Date of Fit: 5/3/2019 14:45:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.009287 Re-Slope: 1.000000
 A1 (Gain): 2.006523 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999456 Status: OK.
 Std Error of Est: 0.001612
 Predicted MDL: 0.000093
 Predicted MQL: 0.000311

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00929	.001	1
S1	.04000	.03891	-.001	-2.73	.08791	.000	1
S3	1.2500	1.1887	-.061	-4.91	2.4104	.001	1
S4	2.5000	2.4197	-.080	-3.21	4.8965	.005	1
S5	5.0000	5.1427	.143	2.85	10.392	.019	1



K 766.490 {44}

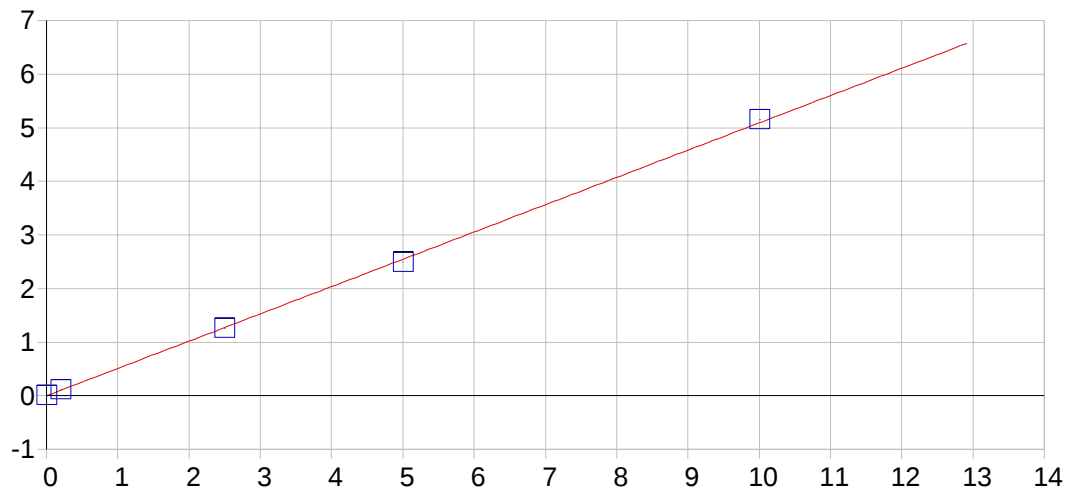
Date of Fit: 5/3/2019 14:45:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000337 Re-Slope: 1.000000
 A1 (Gain): 0.006540 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999597
 Std Error of Est: 0.000101
 Predicted MDL: 0.037594
 Predicted MQL: 0.125314

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1103	.110	5.52	.01346	.000	1
S0	.00000	-.00003	-.000	.000	-.00034	.000	1
S3	12.500	12.145	-.355	-2.84	.07909	.000	1
S4	25.000	24.122	-.878	-3.51	.15741	.001	1
S5	50.000	51.123	1.12	2.25	.33399	.002	1



Mo 202.030 {467}

Date of Fit: 5/3/2019 14:45:36

Type of Fit: Linear

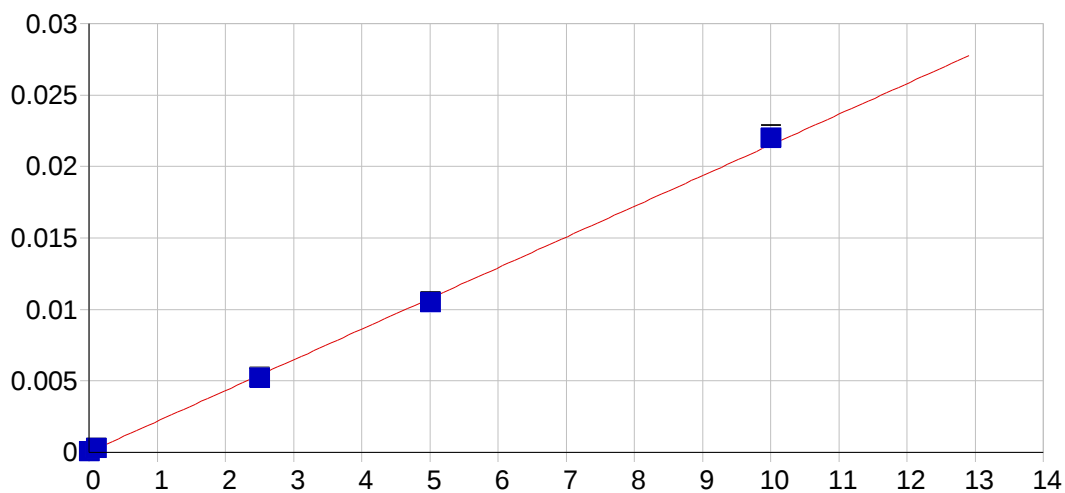
Weighting: 1/Conc

A0 (Offset): -0.000268
 A1 (Gain): 0.509028
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999860
 Std Error of Est: 0.000654
 Predicted MDL: 0.000317
 Predicted MQL: 0.001055

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00027	.000	1
S1	.20000	.21457	.015	7.29	.10895	.000	1
S3	2.5000	2.4711	-.029	-1.15	1.2576	.001	1
S4	5.0000	4.8959	-.104	-2.08	2.4919	.002	1
S5	10.000	10.118	.118	1.18	5.1503	.003	1

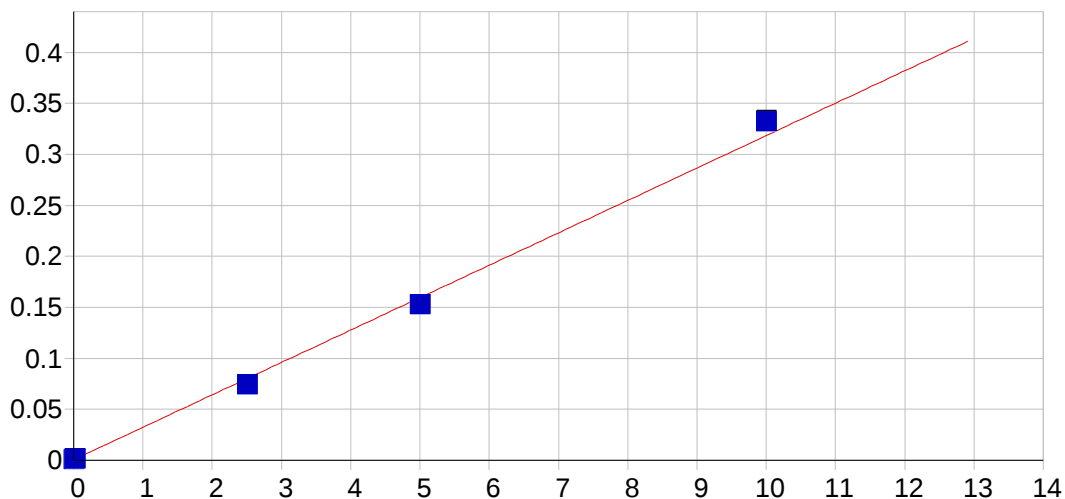


B 249.678 {135}

Date of Fit: 5/3/2019 14:45:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000031 Re-Slope: 1.000000
 A1 (Gain): 0.002147 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999645 Status: OK.
 Std Error of Est: 0.000003
 Predicted MDL: 0.012092
 Predicted MQL: 0.040308

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00003	.000	1
S1	.10000	.10160	.002	1.60	.00025	.000	1
S3	2.5000	2.4105	-.089	-3.58	.00519	.000	1
S4	5.0000	4.8591	-.141	-2.82	.01044	.000	1
S5	10.000	10.229	.229	2.29	.02195	.000	1



S 182.034 {485}

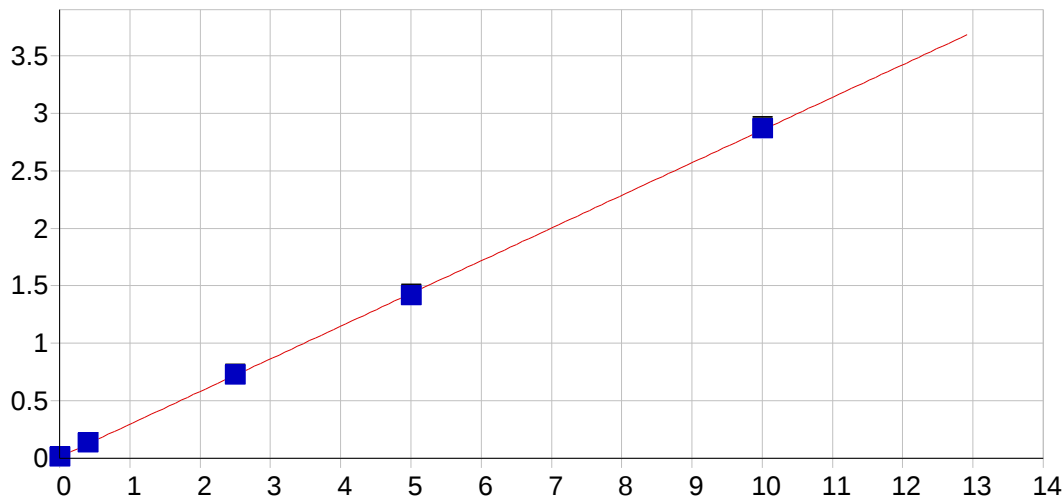
Date of Fit: 5/3/2019 14:45:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000603 Re-Slope: 1.000000
 A1 (Gain): 0.031782 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998753
 Std Error of Est: 0.000038
 Predicted MDL: 0.003117
 Predicted MQL: 0.010388

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00060	.000	1
S1	.02000	.01709	-.003	-14.6	.00113	.000	1
S3	2.5000	2.3028	-.197	-7.89	.07370	.001	1
S4	5.0000	4.7778	-.222	-4.44	.15227	.000	1
S5	10.000	10.422	.422	4.22	.33149	.001	1



Si 288.158 {117}

Date of Fit: 5/3/2019 14:45:36

Type of Fit: Linear

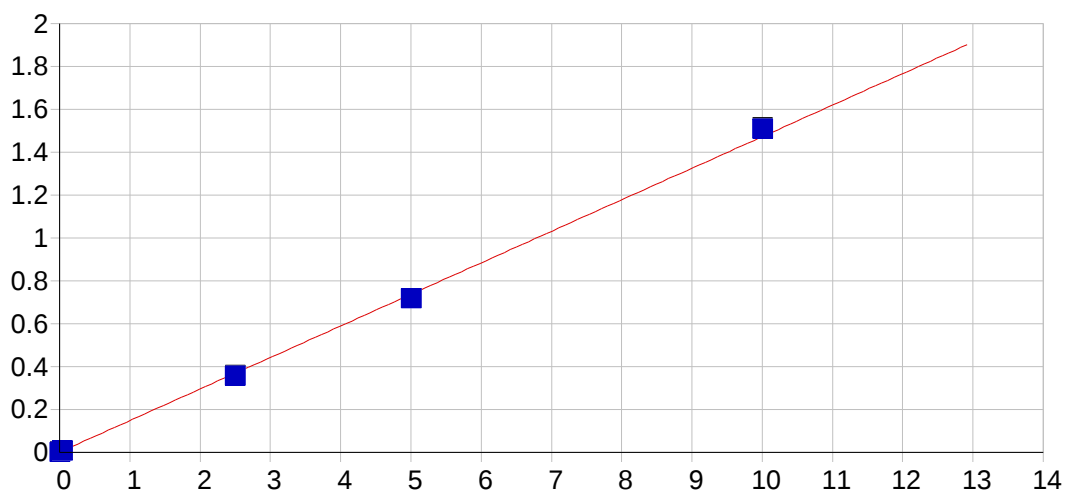
Weighting: 1/Conc

A0 (Offset): 0.011856
 A1 (Gain): 0.284167
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999888
 Std Error of Est: 0.000463
 Predicted MDL: 0.002690
 Predicted MQL: 0.008967

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.01185	.001	1
S1	.40000	.43340	.033	8.35	.13492	.001	1
S3	2.5000	2.5057	.006	.226	.72350	.007	1
S4	5.0000	4.9269	-.073	-1.46	1.4112	.012	1
S5	10.000	10.034	.034	.340	2.8617	.016	1

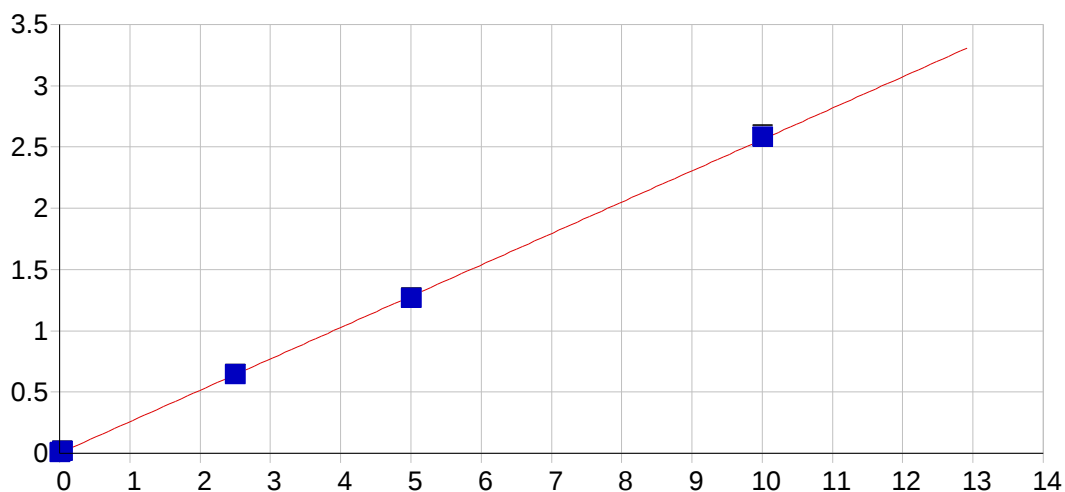


Sn 189.989 {477}

Date of Fit: 5/3/2019 14:45:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001360 Re-Slope: 1.000000
 A1 (Gain): 0.147113 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999610 Status: OK.
 Std Error of Est: 0.000140
 Predicted MDL: 0.000706
 Predicted MQL: 0.002353

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00136	.000	1
S1	.04000	.03518	-.005	-12.1	.00653	.000	1
S3	2.5000	2.4124	-.088	-3.51	.35631	.001	1
S4	5.0000	4.8533	-.147	-2.93	.71547	.002	1
S5	10.000	10.239	.239	2.39	1.5079	.004	1



Ti 336.121 {100}

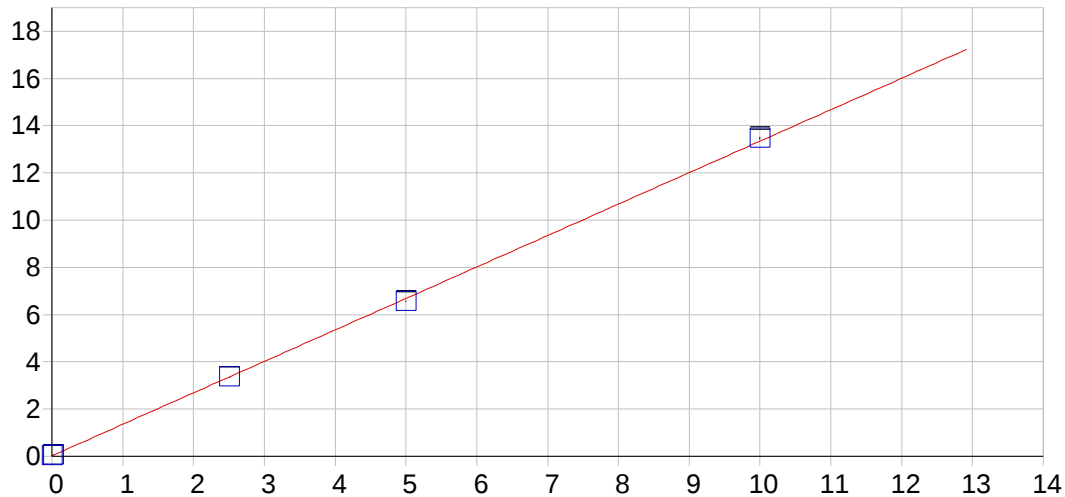
Date of Fit: 5/3/2019 14:45:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002708 Re-Slope: 1.000000
 A1 (Gain): 0.255876 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999936
 Std Error of Est: 0.000099
 Predicted MDL: 0.001918
 Predicted MQL: 0.006395

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00271	.001	1
S1	.04000	.04350	.004	8.76	.01383	.000	1
S3	2.5000	2.4906	-.009	-.377	.63990	.002	1
S4	5.0000	4.9225	-.077	-1.55	1.2621	.005	1
S5	10.000	10.083	.083	.834	2.5825	.016	1



Li 670.784 { 50}

Date of Fit: 5/3/2019 14:45:36

Type of Fit: Linear

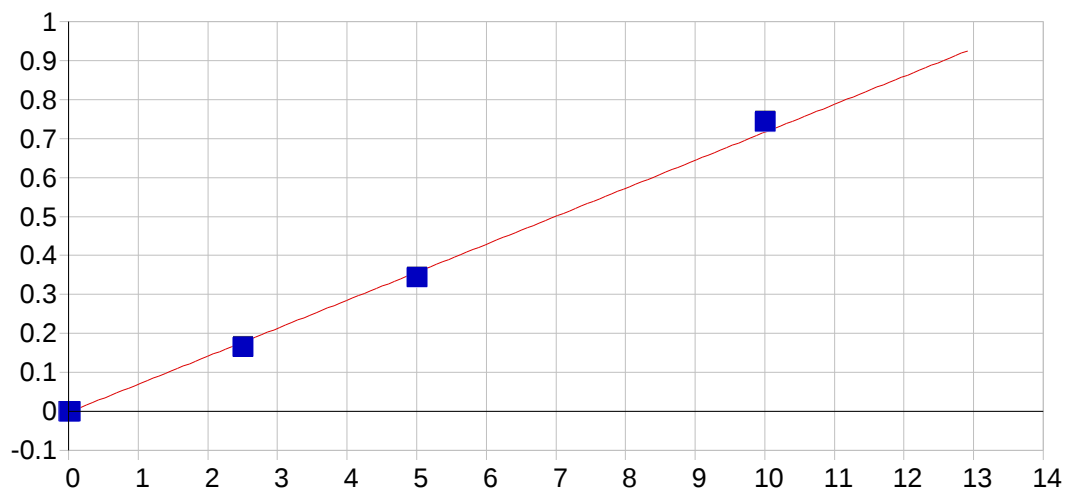
Weighting: 1/Conc

A0 (Offset): 0.023389
 A1 (Gain): 1.332311
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999909
 Std Error of Est: 0.000433
 Predicted MDL: 0.001773
 Predicted MQL: 0.005909

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	.02339	.002	1
S1	.02000	.01671	-.003	-16.4	.04566	.003	1
S3	2.5000	2.5050	.005	.201	3.3609	.008	1
S4	5.0000	4.9059	-.094	-1.88	6.5595	.039	1
S5	10.000	10.092	.092	.924	13.470	.063	1



P 177.495 {490}

Date of Fit: 5/3/2019 14:45:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002163 Re-Slope: 1.000000
 A1 (Gain): 0.071809 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999055 Status: OK.
 Std Error of Est: 0.000075
 Predicted MDL: 0.001555
 Predicted MQL: 0.005182

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00216	.000	1
S1	.02000	.01858	-.001	-7.08	-.00083	.000	1
S3	2.5000	2.3291	-.171	-6.83	.16483	.001	1
S4	5.0000	4.8038	-.196	-3.92	.34227	.001	1
S5	10.000	10.368	.368	3.68	.74134	.002	1



Y 224.306 {450}*

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

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







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

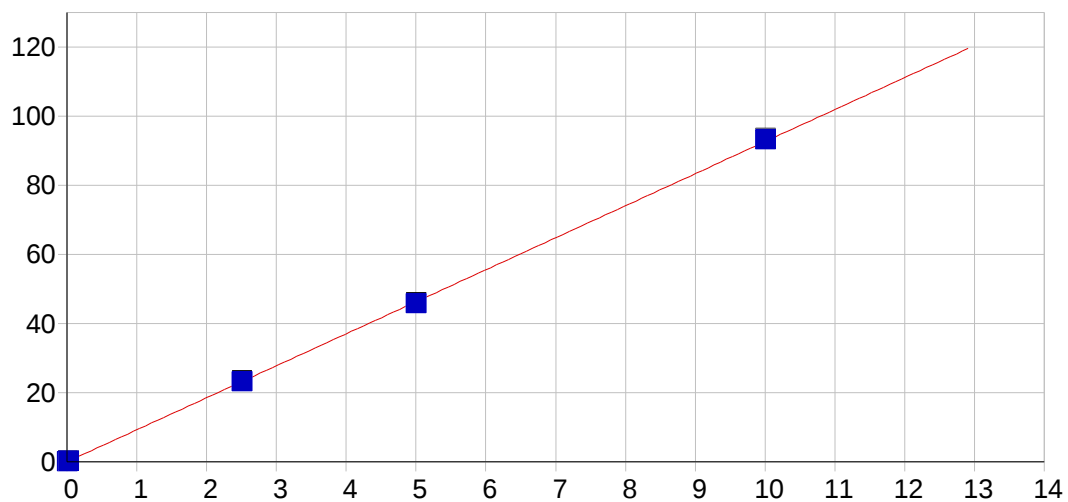
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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

Date of Fit: 5/3/2019 14:45:36

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001481

Re-Slope: 1.000000

A1 (Gain): 9.262391

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999964

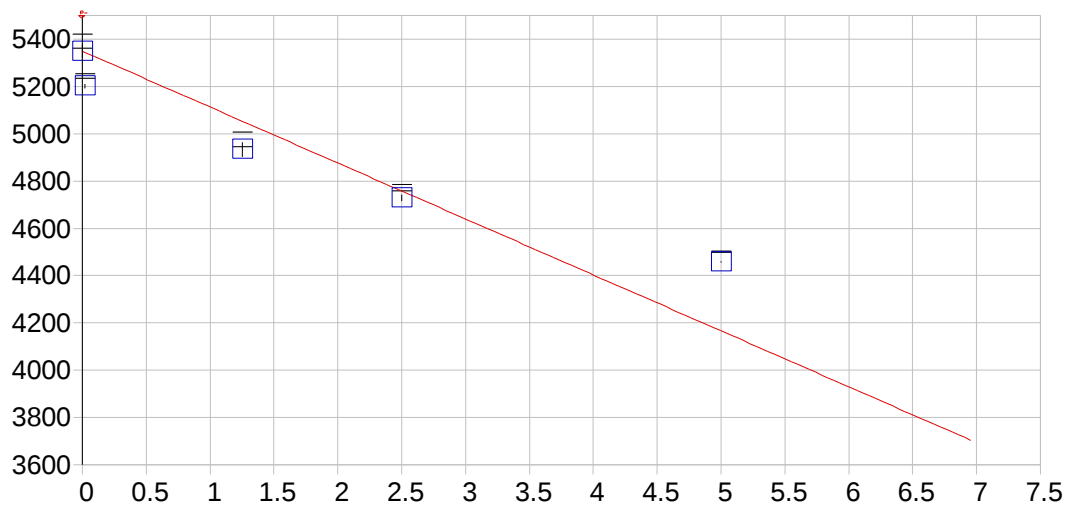
Status: OK.

Std Error of Est: 0.001902

Predicted MDL: 0.000102

Predicted MQL: 0.000339

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00147	.000	1
S1	.02000	.02130	.001	6.51	.19980	.000	1
S3	2.5000	2.5050	.005	.201	23.230	.045	1
S4	5.0000	4.9355	-.065	-1.29	45.767	.184	1
S5	10.000	10.058	.058	.582	93.266	.276	1

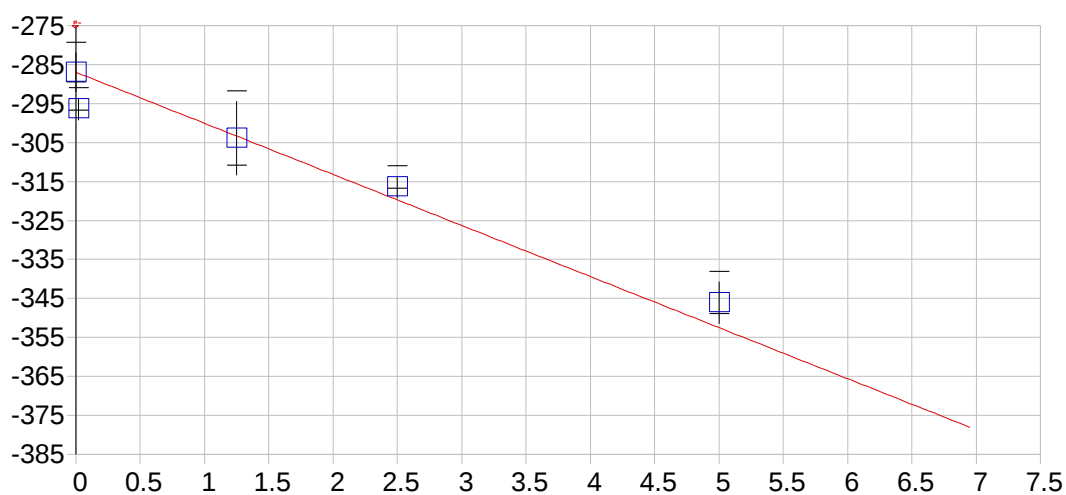


U 367.007 { 92 }

Date of Fit: 5/3/2019 14:45:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 5349.382143 Re-Slope: 1.000000
A1 (Gain): -236.613276 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.563796 Status: Warning Negative Gain
Std Error of Est: 5.923258
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00061	-.001	.000	5349.5	29.8	1
S1	.02000	.62467	.605	3020.	5201.6	9.32	1
S3	1.2500	1.7589	.509	40.7	4933.2	30.7	1
S4	2.5000	2.6239	.124	4.95	4728.5	12.8	1
S5	5.0000	3.7625	-1.24	-24.7	4459.1	2.66	1



U 385.958 { 87}

Date of Fit: 5/3/2019 14:45:36

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -286.975968

Re-Slope: 1.000000

A1 (Gain): -13.100796

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.512318

Status: Warning Negative Gain

Std Error of Est: 0.375281

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00070	-.001	.000	-286.97	5.15	1
S1	.02000	.72062	.701	3500.	-296.42	2.91	1
S3	1.2500	1.2905	.041	3.24	-303.88	9.51	1
S4	2.5000	2.2473	-.253	-10.1	-316.42	2.89	1
S5	5.0000	4.5116	-.488	-9.77	-346.08	5.35	1

Sample Name: S0 Acquired: 5/3/2019 11:13:36 Type: Cal
 Method: P4-ICP2(v3092) 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	.00021	-.00032	.00295	-.00047	.00054	.00059	.00121	.00002
Stddev	.00011	.00009	.00022	.00013	.00015	.00008	.00014	.00001
%RSD	50.256	29.321	7.4824	26.947	26.860	13.022	11.736	52.044

#1	.00031	-.00021	.00319	-.00048	.00050	.00054	.00113	.00003
#2	.00023	-.00039	.00290	-.00034	.00042	.00055	.00114	.00003
#3	.00010	-.00035	.00275	-.00059	.00071	.00068	.00138	.00001

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	-.00243	.00098	-.00006	.00009	.00287	.00103	.00024	-.00005
Stddev	.00017	.00067	.00004	.00016	.00015	.00010	.00003	.00002
%RSD	6.9067	68.020	72.235	172.18	5.1887	9.4585	14.470	32.070

#1	-.00233	.00056	-.00004	-.00007	.00304	.00091	.00022	-.00005
#2	-.00262	.00175	-.00003	.00025	.00279	.00108	.00028	-.00007
#3	-.00233	.00063	-.00011	.00011	.00277	.00108	.00021	-.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	-.00717	.00036	.00359	.00003	.00929	-.00034	-.00027	.00003
Stddev	.00015	.00013	.00015	.00009	.00085	.00020	.00014	.00002
%RSD	2.1345	36.406	4.1401	360.44	9.1489	59.013	50.329	80.993

#1	-.00706	.00029	.00361	.00005	.01028	-.00057	-.00012	.00000
#2	-.00735	.00051	.00372	.00010	.00881	-.00021	-.00031	.00003
#3	-.00711	.00028	.00343	-.00007	.00880	-.00024	-.00039	.00005

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	.00060	.01185	.00136	.00271	.02339	-.0022	.00147	5349.5
Stddev	.00006	.00063	.00007	.00079	.00221	.0001	.00036	29.8
%RSD	9.5852	5.3548	5.4863	29.256	9.4593	5.333	24.646	.55626

#1	.00067	.01253	.00144	.00183	.02284	-.0022	.00119	5335.5
#2	.00055	.01128	.00136	.00292	.02151	-.0020	.00135	5383.7
#3	.00059	.01173	.00129	.00337	.02583	-.0023	.00188	5329.4

Sample Name: S0 Acquired: 5/3/2019 11:13:36 Type: Cal
 Method: P4-ICP2(v3092) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-286.97
Stddev	5.15
%RSD	1.7958

#1	-281.09
#2	-289.11
#3	-290.70

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4245.0	53784.	5872.1	89.378	4776.1
Stddev	18.7	136.	25.6	1.276	7.6
%RSD	.44082	.25294	.43542	1.4275	.15988

#1	4224.5	53832.	5865.5	90.625	4769.5
#2	4249.2	53630.	5900.4	89.433	4774.2
#3	4261.2	53889.	5850.5	88.075	4784.5

Sample Name: S1 Acquired: 5/3/2019 11:18:02 Type: Cal
Method: P4-ICP2(v3092) 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	.00135	.00444	.00538	.00077	.00619	.00143	.04959	.00555
Stddev	.00007	.00006	.00024	.00022	.00017	.00004	.00042	.00006
%RSD	4.9664	1.4339	4.5428	28.631	2.7384	2.6767	.84469	1.1281

#1	.00135	.00443	.00523	.00102	.00622	.00145	.04999	.00557
#2	.00129	.00438	.00566	.00060	.00602	.00139	.04963	.00561
#3	.00142	.00451	.00525	.00068	.00635	.00145	.04916	.00548

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	.01647	.00197	.02840	.01910	.01019	.02284	.01604	.00256
Stddev	.00031	.00007	.00013	.00040	.00006	.00015	.00006	.00006
%RSD	1.8868	3.6432	.47201	2.0765	.57683	.65896	.38464	2.2342

#1	.01618	.00204	.02825	.01890	.01023	.02277	.01604	.00250
#2	.01643	.00190	.02848	.01884	.01023	.02274	.01597	.00257
#3	.01680	.00195	.02849	.01955	.01013	.02302	.01610	.00261

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	.00835	.08791	.10895	.00025	.00113	.13492	.00653	.01383
Stddev	.00006	.00037	.00017	.00002	.00003	.00073	.00006	.00024
%RSD	.76473	.42165	.15488	9.3848	2.2851	.54267	.87089	1.7705

#1	.00836	.08749	.10883	.00027	.00115	.13572	.00659	.01409
#2	.00840	.08817	.10915	.00023	.00110	.13476	.00653	.01360
#3	.00828	.08808	.10889	.00025	.00113	.13428	.00648	.01382

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.04566	-.0008	.19980	5201.6	-296.42
Stddev	.00293	.0001	.00044	9.3	2.91
%RSD	6.4240	7.172	.21784	.17919	.98231

#1	.04657	-.0008	.19988	5206.6	-297.16
#2	.04802	-.0009	.19933	5207.3	-298.88
#3	.04238	-.0008	.20019	5190.8	-293.20

Sample Name: S1 Acquired: 5/3/2019 11:18:02 Type: Cal
 Method: P4-ICP2(v3092) 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	4248.3	53837.	5915.6	90.028	4760.1
Stddev	5.2	167.	29.2	1.172	4.0
%RSD	.12340	.30981	.49413	1.3017	.08404
#1	4242.3	53651.	5887.6	90.733	4756.2
#2	4250.7	53974.	5945.9	90.675	4764.2
#3	4251.9	53886.	5913.2	88.675	4759.8

Sample Name: S2 Acquired: 5/3/2019 11:22:28 Type: Cal
Method: P4-ICP2(v3092) 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	.09041	.00131	.06527	.01346
Stddev	.00036	.00003	.00020	.00005
%RSD	.39935	2.1304	.30282	.40540

#1	.09000	.00133	.06507	.01343
#2	.09063	.00132	.06528	.01343
#3	.09061	.00128	.06546	.01353

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	53962.	5980.9
Stddev	219.	7.7
%RSD	.40613	.12938

#1	53888.	5979.2
#2	53789.	5974.1
#3	54209.	5989.3

Sample Name: S3 Acquired: 5/3/2019 11:26:42 Type: Cal
Method: P4-ICP2(v3092) 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	.11526	.28012	.57360	.13304	.27192	.04008	2.2674	.10537
Stddev	.00024	.00167	.00085	.00024	.00042	.00026	.0157	.00038
%RSD	.20728	.59465	.14849	.18091	.15617	.64988	.69217	.35988
#1	.11505	.27904	.57283	.13286	.27165	.04003	2.2753	.10580
#2	.11552	.28204	.57346	.13332	.27241	.04036	2.2775	.10520
#3	.11523	.27929	.57451	.13295	.27170	.03985	2.2493	.10510
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.7419	.49517	.09581	1.1504	.45885	.21451	1.2522	.00754
Stddev	.0035	.00183	.00027	.0002	.00124	.00038	.0020	.00002
%RSD	.09405	.37002	.28571	.01681	.26917	.17779	.15788	.25442
#1	3.7454	.49558	.09550	1.1504	.45759	.21495	1.2500	.00752
#2	3.7383	.49317	.09597	1.1505	.45889	.21429	1.2536	.00755
#3	3.7421	.49676	.09597	1.1501	.46006	.21429	1.2532	.00755
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	.67346	.12605	.35620	.24999	2.4104	.07909	1.2576	.00519
Stddev	.00035	.00011	.00147	.00020	.0008	.00048	.0005	.00003
%RSD	.05134	.08839	.41146	.08151	.03127	.60309	.04099	.53775
#1	.67310	.12615	.35688	.25020	2.4112	.07876	1.2578	.00518
#2	.67379	.12607	.35720	.24979	2.4097	.07963	1.2570	.00518
#3	.67350	.12593	.35451	.24998	2.4101	.07886	1.2580	.00523
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	.07370	.72350	.35631	.63990	3.3609	.1648	23.230	4933.2
Stddev	.00052	.00733	.00138	.00229	.0076	.0008	.045	30.7
%RSD	.70829	1.0138	.38787	.35716	.22772	.4975	.19333	.62281
#1	.07318	.72411	.35480	.63840	3.3524	.1639	23.259	4961.8
#2	.07422	.71589	.35663	.63877	3.3627	.1652	23.178	4937.0
#3	.07371	.73052	.35751	.64253	3.3674	.1654	23.251	4900.7

Sample Name: S3 Acquired: 5/3/2019 11:26:42 Type: Cal
Method: P4-ICP2(v3092) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-303.88
Stddev	9.51
%RSD	3.1284

#1	-292.96
#2	-308.44
#3	-310.25

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4126.7	51945.	5872.5	88.155	4419.5
Stddev	8.6	201.	25.0	1.213	8.9
%RSD	.20831	.38680	.42603	1.3763	.20103

#1	4121.7	51918.	5877.4	86.815	4413.9
#2	4136.6	51760.	5894.7	89.178	4429.7
#3	4121.7	52159.	5845.4	88.473	4414.8

Sample Name: S4 Acquired: 5/3/2019 11:30:43 Type: Cal
Method: P4-ICP2(v3092) 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	.23024	.56072	1.1429	.26606	.54021	.07866	4.5104	.20863
Stddev	.00038	.00095	.0019	.00007	.00045	.00058	.0270	.00074
%RSD	.16300	.17005	.16843	.02791	.08366	.74328	.59860	.35274

#1	.22998	.55962	1.1421	.26606	.53995	.07827	4.5341	.20804
#2	.23007	.56132	1.1414	.26599	.53994	.07837	4.5161	.20946
#3	.23067	.56122	1.1451	.26614	.54073	.07933	4.4810	.20840

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.5884	.97499	.18819	2.3165	.89289	.41843	2.4633	.01501
Stddev	.0087	.00338	.00076	.0037	.00285	.00051	.0004	.00014
%RSD	.11439	.34617	.40632	.15746	.31869	.12196	.01658	.95818

#1	7.5818	.97244	.18903	2.3126	.89145	.41899	2.4637	.01504
#2	7.5852	.97370	.18753	2.3173	.89105	.41800	2.4629	.01485
#3	7.5982	.97882	.18801	2.3197	.89617	.41829	2.4634	.01514

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	1.3503	.24781	.70605	.49460	4.8965	.15741	2.4919	.01044
Stddev	.0020	.00080	.00296	.00055	.0053	.00067	.0018	.00006
%RSD	.14724	.32434	.41909	.11169	.10916	.42780	.07134	.57245

#1	1.3480	.24867	.70827	.49520	4.8926	.15809	2.4899	.01047
#2	1.3513	.24768	.70269	.49448	4.8943	.15674	2.4934	.01037
#3	1.3515	.24708	.70719	.49412	4.9026	.15740	2.4924	.01048

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	.15227	1.4112	.71547	1.2621	6.5595	.3423	45.767	4728.5
Stddev	.00019	.0118	.00227	.0046	.0393	.0008	.184	12.8
%RSD	.12452	.83423	.31665	.36384	.59881	.2338	.40274	.27051

#1	.15210	1.4057	.71301	1.2593	6.5410	.3426	45.718	4737.7
#2	.15248	1.4247	.71746	1.2596	6.6047	.3428	45.971	4713.9
#3	.15224	1.4032	.71593	1.2674	6.5329	.3414	45.612	4733.9

Sample Name: S4 Acquired: 5/3/2019 11:30:43 Type: Cal
Method: P4-ICP2(v3092) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-316.42
Stddev	2.89
%RSD	.91364

#1	-319.75
#2	-314.80
#3	-314.70

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4076.5	51882.	5915.0	86.275	4254.6
Stddev	3.9	268.	35.9	2.212	5.3
%RSD	.09631	.51683	.60622	2.5635	.12469

#1	4074.5	51574.	5908.8	84.349	4254.6
#2	4081.0	52006.	5882.6	85.786	4259.8
#3	4073.9	52066.	5953.5	88.691	4249.2

Sample Name: S5 Acquired: 5/3/2019 11:34:49 Type: Cal
Method: P4-ICP2(v3092) 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	.48399	1.1609	2.4004	.55799	1.1308	.16456	9.4263	.43265
Stddev	.00049	.0017	.0086	.00162	.0008	.00050	.0815	.00026
%RSD	.10171	.14752	.35621	.28961	.06594	.30374	.86446	.06044
#1	.48366	1.1589	2.3915	.55975	1.1303	.16425	9.3628	.43283
#2	.48374	1.1615	2.4014	.55658	1.1317	.16430	9.3978	.43235
#3	.48455	1.1622	2.4085	.55764	1.1305	.16514	9.5182	.43278
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	15.982	1.9892	.38560	4.8947	1.8206	.85489	5.0200	.03148
Stddev	.042	.0144	.00061	.0138	.0010	.00119	.0047	.00018
%RSD	.26205	.72433	.15902	.28198	.05292	.13899	.09397	.56257
#1	15.949	1.9805	.38549	4.8840	1.8209	.85447	5.0182	.03138
#2	15.968	1.9813	.38505	4.8898	1.8195	.85397	5.0165	.03137
#3	16.029	2.0058	.38626	4.9102	1.8213	.85623	5.0254	.03168
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	2.8366	.51186	1.4849	1.0229	10.392	.33399	5.1503	.02195
Stddev	.0073	.00118	.0084	.0008	.019	.00226	.0028	.00021
%RSD	.25918	.23019	.56936	.07631	.18124	.67701	.05402	.95729
#1	2.8319	.51095	1.4873	1.0223	10.374	.33435	5.1510	.02209
#2	2.8329	.51144	1.4755	1.0226	10.391	.33156	5.1472	.02170
#3	2.8451	.51319	1.4918	1.0238	10.412	.33604	5.1526	.02204
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	.33149	2.8617	1.5079	2.5825	13.470	.7413	93.266	4459.1
Stddev	.00125	.0160	.0042	.0155	.063	.0016	.276	2.7
%RSD	.37670	.55774	.27623	.60122	.46983	.2210	.29579	.05971
#1	.33065	2.8433	1.5054	2.5740	13.411	.7401	93.070	4457.3
#2	.33089	2.8697	1.5057	2.5730	13.460	.7408	93.146	4462.2
#3	.33292	2.8721	1.5127	2.6004	13.537	.7432	93.582	4457.9

Sample Name: S5 Acquired: 5/3/2019 11:34:49 Type: Cal
 Method: P4-ICP2(v3092) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-346.08
Stddev	5.35
%RSD	1.5452

#1	-340.39
#2	-351.00
#3	-346.86

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3914.5	50191.	5852.9	85.053	3967.4
Stddev	2.6	68.	26.2	3.464	10.9
%RSD	.06539	.13605	.44837	4.0734	.27442

#1	3916.6	50253.	5883.1	88.655	3975.7
#2	3915.1	50201.	5836.2	84.758	3971.4
#3	3911.6	50118.	5839.3	81.745	3955.1

Sample Name: ICV01 Acquired: 5/3/2019 11:47:32 Type: Unk
Method: P4-ICP2(v3092) 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	1.0134	1.0451	1.0107	1.0264	.98806	2.4805	.49776	.48799
Stddev	.0033	.0020	.0034	.0018	.00455	.0177	.00208	.00146
%RSD	.32944	.18893	.33435	.17877	.46044	.71451	.41785	.29833
#1	1.0138	1.0464	1.0106	1.0283	.99238	2.4613	.50008	.48633
#2	1.0098	1.0460	1.0141	1.0264	.98848	2.4841	.49711	.48859
#3	1.0165	1.0428	1.0074	1.0246	.98331	2.4962	.49607	.48905
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49124	10.260	.50019	.49825	.50868	5.0916	.50815	5.8919
Stddev	.00042	.020	.00192	.00035	.00071	.0124	.00137	.1656
%RSD	.08481	.19165	.38434	.07028	.13863	.24411	.26874	2.8101
#1	.49112	10.237	.49863	.49807	.50808	5.0776	.50658	5.9979
#2	.49090	10.271	.50234	.49865	.50851	5.0956	.50887	5.9767
#3	.49171	10.272	.49960	.49801	.50946	5.1015	.50902	5.7011
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50165	.50402	9.8888	.49286	.97515	9.8794	2.5580	2.4805
Stddev	.00143	.00211	.0091	.00048	.00067	.0174	.0046	.0067
%RSD	.28452	.41809	.09228	.09720	.06874	.17577	.17912	.26888
#1	.50318	.50417	9.8833	.49285	.97543	9.8930	2.5536	2.4864
#2	.50143	.50605	9.8837	.49238	.97439	9.8598	2.5578	2.4818
#3	.50035	.50184	9.8993	.49334	.97564	9.8854	2.5627	2.4733
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00332	2.4865	2.4667	2.5546	F 2.3029	F .0005	2.5046	F 2.5189
Stddev	.00523	.0053	.0043	.0133	.0107	.0012	.0083	.2951
%RSD	157.64	.21530	.17316	.52037	.46691	248.2	.33341	11.715
#1	.00520	2.4811	2.4707	2.5445	2.3033	.0001	2.5045	2.3813
#2	.00734	2.4866	2.4622	2.5496	2.2920	.0018	2.4963	2.3177
#3	-.00259	2.4918	2.4672	2.5697	2.3135	-.0005	2.5130	2.8577

Sample Name: ICV01 Acquired: 5/3/2019 11:47:32 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.6490
Stddev	.7823
%RSD	47.437

#1	1.1535
#2	1.2428
#3	2.5508

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4110.4	52829.	5959.4	89.164	4450.2
Stddev	7.8	161.	16.8	1.939	9.8
%RSD	.19085	.30459	.28210	2.1749	.21937

#1	4101.9	52835.	5978.1	87.995	4438.9
#2	4117.3	52665.	5945.4	88.094	4456.4
#3	4112.0	52986.	5954.8	91.402	4455.2

Sample Name: LLICV01 Acquired: 5/3/2019 11:58:01 Type: Unk
Method: P4-ICP2(v3092) 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	.02139	.04140	.01111	.01894	.05249	.09099	.10579	.00643
Stddev	.00207	.00062	.00003	.00280	.00023	.00723	.00101	.00007
%RSD	9.6582	1.4996	.31483	14.769	.44386	7.9488	.95799	1.1276
#1	.01932	.04068	.01107	.01971	.05270	.09859	.10572	.00636
#2	.02141	.04180	.01113	.02128	.05254	.09019	.10684	.00642
#3	.02345	.04171	.01113	.01584	.05224	.08419	.10482	.00651
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00600	2.1283	.01028	.02962	.02181	.10514	.02262	2.0828
Stddev	.00002	.0132	.00019	.00025	.00041	.00025	.00011	.0784
%RSD	.27302	.61873	1.8858	.84785	1.8968	.24206	.47906	3.7662
#1	.00602	2.1135	.01006	.02934	.02224	.10538	.02268	2.0434
#2	.00600	2.1386	.01042	.02982	.02177	.10518	.02250	2.1731
#3	.00599	2.1328	.01036	.02971	.02141	.10487	.02269	2.0318
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04113	.01080	2.0164	.04056	.03809	1.9611	.21426	.09828
Stddev	.00009	.00052	.0165	.00017	.00012	.0167	.00024	.01292
%RSD	.20862	4.8425	.81995	.42045	.31282	.84900	.11060	13.147
#1	.04112	.01107	2.0019	.04073	.03796	1.9743	.21415	.08360
#2	.04106	.01114	2.0344	.04058	.03817	1.9667	.21454	.10794
#3	.04123	.01020	2.0129	.04039	.03815	1.9424	.21410	.10330
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01477	.41582	.03594	.04138	.01815	.0175	.02094	F 2.3269
Stddev	.00044	.00591	.00073	.00135	.00115	.0012	.00001	.1393
%RSD	2.9897	1.4219	2.0216	3.2643	6.3323	6.691	.04197	5.9849
#1	.01452	.41204	.03598	.04029	.01914	.0184	.02094	2.4625
#2	.01450	.41279	.03664	.04095	.01843	.0180	.02095	2.1842
#3	.01528	.42264	.03519	.04289	.01689	.0162	.02094	2.3342

Sample Name: LLICV01 Acquired: 5/3/2019 11:58:01 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .33344
Stddev	.19666
%RSD	58.979

#1	.50030
#2	.11662
#3	.38340

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4206.6	54790.	6102.7	95.339	4725.0
Stddev	3.7	154.	27.2	2.016	4.3
%RSD	.08810	.28124	.44552	2.1145	.09092

#1	4203.5	54935.	6113.6	94.008	4720.9
#2	4210.7	54628.	6122.8	97.658	4729.5
#3	4205.7	54807.	6071.8	94.350	4724.8

Sample Name: ICB01 Acquired: 5/3/2019 12:02:26 Type: Unk
Method: P4-ICP2(v3092) 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	.00217	-.00096	-.00248	.00184	.00011	-.00611	-.00001
Stddev	.00108	.00125	.00090	.00221	.00104	.01065	.00027
%RSD	49.503	129.21	36.192	119.81	950.16	174.37	2393.1

#1	.00156	.00047	-.00219	-.00057	-.00106	-.01772	.00030
#2	.00341	-.00170	-.00176	.00375	.00046	.00318	-.00013
#3	.00154	-.00166	-.00348	.00234	.00093	-.00377	-.00020

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00016	.00529	-.00004	-.00032	.00275	-.00138
Stddev	.00001	.00002	.00794	.00032	.00013	.00011	.00059
%RSD	17.061	14.909	149.88	790.64	41.045	3.8482	42.303

#1	-.00005	-.00018	.01339	-.00011	-.00022	.00269	-.00113
#2	-.00007	-.00013	.00497	-.00033	-.00027	.00269	-.00097
#3	-.00006	-.00018	-.00248	.00031	-.00047	.00287	-.00205

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	-.02742	.00010	-.00019	-.08202	.00006	-.00250
Stddev	.00003	.01702	.00013	.00004	.01142	.00027	.00006
%RSD	18.325	62.067	132.37	20.310	13.922	416.40	2.5840

#1	-.00017	-.01489	-.00003	-.00019	-.09438	.00031	-.00246
#2	-.00015	-.04680	.00022	-.00015	-.07186	-.00023	-.00257
#3	-.00021	-.02057	.00010	-.00023	-.07983	.00011	-.00245

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.11474	-.00048	-.00854	-.00490	.00150	-.00343	.00045
Stddev	.04243	.00020	.00634	.00209	.00170	.00010	.00116
%RSD	36.981	41.091	74.319	42.715	113.15	2.9170	259.00

#1	-.06640	-.00067	-.00866	-.00288	.00150	-.00335	-.00087
#2	-.13198	-.00028	-.00213	-.00706	.00320	-.00354	.00128
#3	-.14584	-.00049	-.01482	-.00476	-.00020	-.00341	.00093

Sample Name: ICB01 Acquired: 5/3/2019 12:02:26 Type: Unk
Method: P4-ICP2(v3092) 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	-.00287	.0002	-.00018	F 1.9616	F<.00000
Stddev	.00051	.0012	.00003	.0242	.32276
%RSD	17.707	635.9	16.613	1.2358	123.73
#1	-.00303	-.0012	-.00019	1.9363	-.58342
#2	-.00230	.0010	-.00021	1.9846	.06210
#3	-.00327	.0009	-.00015	1.9639	-.26128
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4202.1	54531.	6015.9	91.097	4738.6
Stddev	11.5	196.	49.2	2.758	14.3
%RSD	.27463	.35979	.81747	3.0273	.30232
#1	4208.8	54361.	5962.1	91.617	4744.1
#2	4188.7	54746.	6026.8	88.117	4722.3
#3	4208.6	54485.	6058.6	93.558	4749.3

Sample Name: CRI01 Acquired: 5/3/2019 12:06:55 Type: Unk
Method: P4-ICP2(v3092) 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	.02031	.04223	.01081	.01934	.05262	.08803	.10639	.00648
Stddev	.00055	.00065	.00129	.00134	.00223	.00402	.00038	.00008
%RSD	2.7043	1.5387	11.953	6.9428	4.2390	4.5625	.36131	1.2949
#1	.02022	.04266	.01128	.01973	.05241	.08759	.10659	.00639
#2	.02089	.04149	.00935	.01785	.05495	.08426	.10595	.00656
#3	.01981	.04256	.01181	.02045	.05050	.09225	.10664	.00649
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00609	2.1507	.01050	.02983	.02182	.10714	.02286	2.0023
Stddev	.00001	.0009	.00034	.00022	.00016	.00022	.00020	.0503
%RSD	.20833	.04281	3.2724	.72113	.73869	.20853	.85931	2.5117
#1	.00610	2.1507	.01020	.02959	.02165	.10700	.02278	1.9576
#2	.00609	2.1497	.01087	.02998	.02184	.10702	.02272	2.0568
#3	.00607	2.1516	.01044	.02993	.02197	.10739	.02309	1.9925
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04131	.01101	2.0424	.04179	.03813	1.9580	.21497	.08562
Stddev	.00002	.00041	.0082	.00022	.00014	.0183	.00058	.01302
%RSD	.06011	3.7102	.40321	.52432	.37799	.93688	.26929	15.208
#1	.04128	.01127	2.0517	.04203	.03826	1.9753	.21449	.09884
#2	.04132	.01054	2.0392	.04161	.03797	1.9600	.21561	.07281
#3	.04133	.01122	2.0362	.04172	.03816	1.9387	.21481	.08521
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01058	.41889	.03417	.04070	.01569	.0191	.02111	F 2.2543
Stddev	.00162	.00215	.00082	.00054	.00141	.0005	.00008	.1163
%RSD	15.342	.51324	2.4000	1.3186	8.9655	2.440	.38888	5.1595
#1	.01196	.42104	.03325	.04008	.01561	.0193	.02117	2.3879
#2	.00879	.41674	.03445	.04100	.01714	.0186	.02101	2.1764
#3	.01098	.41889	.03481	.04102	.01433	.0194	.02114	2.1984

Sample Name: CRI01 Acquired: 5/3/2019 12:06:55 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .25959
Stddev .38267
%RSD 147.41

#1 .67483
#2 -.07889
#3 .18284

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4215.7	54755.	6094.0	94.272	4733.8
Stddev	5.0	199.	37.7	2.107	8.7
%RSD	.11859	.36330	.61909	2.2352	.18441

#1	4221.5	54533.	6096.6	93.350	4724.2
#2	4213.5	54916.	6130.3	96.683	4741.2
#3	4212.2	54816.	6055.0	92.783	4736.1

Sample Name: ICSA01 Acquired: 5/3/2019 12:11:21 Type: Unk
 Method: P4-ICP2(v3092) 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	.01118	.00011	-.00576	-.00193	.00450	273.77	.00748	.00022
Stddev	.00346	.00249	.00131	.00417	.00103	.65	.00040	.00004
%RSD	30.956	2209.3	22.750	215.78	22.875	.23835	5.2889	19.072

#1	.01049	.00096	-.00672	-.00674	.00467	273.22	.00731	.00022
#2	.00811	-.00269	-.00427	.00031	.00543	274.49	.00793	.00017
#3	.01493	.00206	-.00630	.00064	.00340	273.60	.00719	.00026

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00405	249.71	.04781	-.00073	-.01173	95.804	.01465	274.05
Stddev	.00017	.33	.00009	.00020	.00089	.024	.00002	1.51
%RSD	4.3152	.13277	.18841	27.682	7.5594	.02462	.13755	.55124

#1	-.00403	249.33	.04784	-.00062	-.01270	95.805	.01462	272.53
#2	-.00424	249.84	.04770	-.00096	-.01152	95.781	.01466	275.55
#3	-.00389	249.95	.04787	-.00061	-.01096	95.828	.01465	274.07

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01580	-.00593	-.02558	.00081	-.01829	-.12590	-.00404	.04686
Stddev	.00049	.00023	.00648	.00032	.00016	.02824	.00044	.02391
%RSD	3.0781	3.8468	25.328	38.930	.90168	22.429	10.886	51.022

#1	-.01561	-.00568	-.02061	.00117	-.01810	-.15825	-.00454	.06463
#2	-.01545	-.00597	-.03290	.00067	-.01838	-.11319	-.00375	.05626
#3	-.01636	-.00613	-.02322	.00059	-.01838	-.10625	-.00381	.01968

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00891	-.00644	.00107	-.00209	.01351	.0096	-.00142	4.6875
Stddev	.00308	.00313	.00058	.00004	.00081	.0010	.00063	.1660
%RSD	34.517	48.519	53.843	2.1050	6.0325	10.23	44.326	3.5416

#1	.00858	-.00989	.00159	-.00214	.01437	.0107	-.00166	4.6626
#2	.00601	-.00565	.00045	-.00207	.01275	.0092	-.00189	4.8645
#3	.01214	-.00379	.00117	-.00207	.01340	.0089	-.00070	4.5353

Sample Name: ICSA01 Acquired: 5/3/2019 12:11:21 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	1.3931
%RSD	4.5777

#1	-30.087
#2	-29.243
#3	-31.965

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3727.2	47830.	5804.2	84.064	3777.9
Stddev	10.4	124.	15.0	.996	9.6
%RSD	.27887	.25887	.25868	1.1845	.25523

#1	3715.3	47838.	5786.9	83.234	3766.9
#2	3731.9	47703.	5813.3	83.790	3785.1
#3	3734.5	47950.	5812.5	85.168	3781.7

Sample Name: ICSAB01 Acquired: 5/3/2019 12:15:59 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11789	.10782	.04895	.04523	.66245	259.50	.58182	.57381
Stddev	.00223	.00317	.00226	.00098	.00075	.48	.00065	.00164
%RSD	1.8913	2.9354	4.6168	2.1599	.11321	.18348	.11108	.28515
#1	.12039	.11085	.04763	.04462	.66295	260.00	.58254	.57431
#2	.11716	.10809	.04767	.04472	.66159	259.05	.58130	.57199
#3	.11612	.10454	.05156	.04636	.66282	259.47	.58161	.57515
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0621	238.46	.57597	.52902	.50210	92.030	.55362	261.52
Stddev	.0057	.80	.00051	.00215	.00129	.467	.00013	1.09
%RSD	.53332	.33436	.08821	.40715	.25629	.50737	.02372	.41507
#1	1.0630	238.76	.57551	.53117	.50125	92.566	.55366	262.08
#2	1.0560	237.55	.57589	.52687	.50358	91.814	.55373	260.27
#3	1.0672	239.06	.57652	.52900	.50146	91.711	.55347	262.21
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0264	.21855	-.03847	.53595	1.1088	-.16615	1.0932	1.1796
Stddev	.0022	.00053	.01173	.00321	.0073	.02288	.0029	.0148
%RSD	.21122	.24445	30.488	.59830	.66011	13.771	.26782	1.2536
#1	1.0287	.21916	-.05092	.53821	1.1120	-.14307	1.0956	1.1897
#2	1.0244	.21818	-.02763	.53736	1.1004	-.18882	1.0942	1.1626
#3	1.0262	.21830	-.03687	.53228	1.1139	-.16655	1.0899	1.1865
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01200	1.0007	1.0899	1.0829	1.0195	F .0088	1.0603	5.1210
Stddev	.00168	.0029	.0043	.0031	.0034	.0011	.0034	.0405
%RSD	13.991	.28568	.39246	.28981	.33341	12.21	.31782	.79125
#1	.01124	1.0037	1.0872	1.0855	1.0193	.0091	1.0642	5.1479
#2	.01084	1.0005	1.0877	1.0839	1.0230	.0097	1.0583	5.1407
#3	.01393	.99798	1.0949	1.0794	1.0162	.0076	1.0584	5.0744

Sample Name: ICSAB01 Acquired: 5/3/2019 12:15:59 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 1.2819
%RSD 4.3221

#1 -28.312
#2 -30.864
#3 -29.802

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3738.8	48247.	5841.8	82.882	3802.4
Stddev	11.2	197.	31.6	.963	23.3
%RSD	.30001	.40751	.54062	1.1621	.61313

#1	3726.0	48029.	5806.3	83.633	3785.9
#2	3746.6	48411.	5866.9	81.796	3829.0
#3	3744.0	48301.	5852.1	83.217	3792.2

Sample Name: CCV01 Acquired: 5/3/2019 12:20:23 Type: Unk
Method: P4-ICP2(v3092) 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	4.9077	4.8957	4.9209	5.0255	4.9325	9.6456	9.8983	.24859
Stddev	.0046	.0038	.0065	.0189	.0022	.0371	.0506	.00033
%RSD	.09349	.07693	.13282	.37597	.04377	.38478	.51144	.13264
#1	4.9087	4.8951	4.9280	5.0348	4.9303	9.6192	9.8401	.24841
#2	4.9118	4.8998	4.9151	5.0038	4.9346	9.6296	9.9226	.24839
#3	4.9027	4.8923	4.9196	5.0380	4.9326	9.6880	9.9322	.24897
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4516	24.772	.98179	2.4594	1.2206	4.9364	2.5113	24.482
Stddev	.0044	.081	.00111	.0053	.0017	.0063	.0030	.215
%RSD	.17911	.32887	.11270	.21737	.13739	.12803	.11771	.87806
#1	2.4565	24.712	.98265	2.4653	1.2207	4.9320	2.5141	24.506
#2	2.4480	24.865	.98218	2.4578	1.2188	4.9337	2.5115	24.257
#3	2.4503	24.739	.98055	2.4550	1.2222	4.9437	2.5082	24.685
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4470	1.2250	24.612	2.4471	2.4574	24.533	4.9848	4.8943
Stddev	.0055	.0012	.050	.0033	.0043	.079	.0063	.0302
%RSD	.22372	.09764	.20438	.13537	.17467	.32053	.12748	.61755
#1	2.4533	1.2262	24.581	2.4506	2.4622	24.550	4.9859	4.8810
#2	2.4431	1.2238	24.585	2.4468	2.4558	24.448	4.9780	4.8730
#3	2.4446	1.2251	24.670	2.4440	2.4540	24.603	4.9906	4.9289
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8100	4.8740	4.8885	4.9601	4.8170	4.812	4.9828	F 3.9565
Stddev	.0164	.0300	.0060	.0207	.0269	.008	.0307	.0634
%RSD	.34178	.61498	.12184	.41727	.55861	.1641	.61681	1.6011
#1	4.8135	4.8793	4.8923	4.9416	4.8162	4.821	4.9731	4.0105
#2	4.8244	4.9009	4.8816	4.9825	4.8443	4.806	5.0172	3.8868
#3	4.7921	4.8417	4.8915	4.9562	4.7905	4.808	4.9581	3.9722

Sample Name: CCV01 Acquired: 5/3/2019 12:20:23 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8665
Stddev .1137
%RSD 3.9654

#1 2.9842
#2 2.7574
#3 2.8578

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4008.9	51898.	5951.1	89.390	4201.2
Stddev	5.5	80.	32.6	.164	3.0
%RSD	.13675	.15473	.54729	.18317	.07256

#1	4009.5	51816.	5948.0	89.445	4197.9
#2	4014.0	51976.	5920.2	89.206	4201.6
#3	4003.1	51901.	5985.1	89.520	4204.0

Sample Name: LLCCV01 Acquired: 5/3/2019 12:24:28 Type: Unk
Method: P4-ICP2(v3092) 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	.02035	.04248	.01046	.02203	.05180	.10256	.10492	.00639
Stddev	.00118	.00107	.00052	.00248	.00180	.00190	.00028	.00009
%RSD	5.7867	2.5177	5.0096	11.279	3.4723	1.8501	.26364	1.4049
#1	.02036	.04233	.01090	.02121	.05349	.10043	.10462	.00630
#2	.02152	.04362	.00988	.02006	.04991	.10321	.10497	.00648
#3	.01917	.04149	.01060	.02482	.05200	.10406	.10517	.00638
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00596	2.1470	.01048	.02941	.02194	.10688	.02255	2.0360
Stddev	.00004	.0032	.00008	.00015	.00058	.00045	.00005	.0423
%RSD	.73496	.15158	.77457	.51846	2.6403	.41914	.23162	2.0760
#1	.00594	2.1437	.01039	.02940	.02171	.10641	.02258	2.0630
#2	.00601	2.1502	.01049	.02926	.02260	.10695	.02249	1.9873
#3	.00592	2.1469	.01056	.02956	.02152	.10730	.02259	2.0577
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04087	.01089	1.9980	.04134	.03753	1.9172	.21289	.10192
Stddev	.00025	.00027	.0061	.00027	.00006	.0338	.00026	.00460
%RSD	.61483	2.4972	.30644	.65079	.15639	1.7650	.12039	4.5120
#1	.04066	.01059	1.9933	.04132	.03758	1.8971	.21260	.09784
#2	.04115	.01113	1.9958	.04161	.03747	1.8982	.21309	.10101
#3	.04079	.01094	2.0049	.04108	.03753	1.9562	.21298	.10690
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01230	.42280	.03497	.04176	.01753	.0186	.02138	F 1.5591
Stddev	.00225	.00182	.00033	.00044	.00060	.0002	.00012	.0820
%RSD	18.264	.42944	.93671	1.0512	3.4173	.9821	.57712	5.2612
#1	.00973	.42211	.03522	.04184	.01703	.0184	.02151	1.4823
#2	.01390	.42486	.03509	.04128	.01819	.0188	.02126	1.5493
#3	.01326	.42143	.03460	.04215	.01737	.0186	.02137	1.6455

Sample Name: LLCCV01 Acquired: 5/3/2019 12:24:28 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .38393
Stddev .25509
%RSD 66.443

#1 .50757
#2 .55365
#3 .09058

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4237.9	54582.	5990.4	91.956	4770.9
Stddev	3.9	108.	13.7	2.613	6.2
%RSD	.09288	.19775	.22921	2.8419	.13080

#1	4241.9	54661.	5980.8	88.950	4772.8
#2	4237.7	54459.	5984.2	93.692	4763.9
#3	4234.0	54626.	6006.1	93.225	4776.0

Sample Name: CCB01 Acquired: 5/3/2019 12:28:32 Type: Unk
Method: P4-ICP2(v3092) 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	.00054	.00082	-.00163	.00033	.00008	-.01806	-.00000	-.00012
Stddev	.00126	.00121	.00054	.00220	.00040	.00506	.00034	.00004
%RSD	233.08	147.65	33.036	658.50	495.79	28.004	9085.2	35.555
#1	.00094	.00206	-.00108	-.00188	-.00038	-.02355	-.00026	-.00009
#2	-.00087	-.00036	-.00216	.00252	.00030	-.01704	-.00013	-.00009
#3	.00156	.00075	-.00165	.00036	.00033	-.01359	.00038	-.00016
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00065	-.00001	-.00022	-.00009	-.00195	-.00013	.01901
Stddev	.00010	.00322	.00025	.00011	.00014	.00008	.00006	.02911
%RSD	115.43	494.94	4840.7	48.341	162.29	4.1599	50.494	153.16
#1	.00003	.00038	-.00029	-.00034	.00007	-.00187	-.00016	.01502
#2	-.00013	-.00242	.00010	-.00013	-.00020	-.00195	-.00005	.04991
#3	-.00015	.00399	.00018	-.00020	-.00013	-.00203	-.00017	-.00791
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.00053	-.08431	.00010	-.00249	-.16595	-.00046	-.00789
Stddev	.00029	.00072	.00157	.00025	.00011	.02885	.00010	.00338
%RSD	239.34	137.08	1.8570	252.49	4.2432	17.385	21.268	42.839
#1	.00032	.00123	-.08520	-.00016	-.00238	-.13318	-.00048	-.00880
#2	-.00021	.00058	-.08250	.00034	-.00258	-.17714	-.00055	-.00414
#3	.00024	-.00022	-.08522	.00013	-.00251	-.18752	-.00036	-.01071
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00678	-.00088	-.00453	.00086	-.00447	.0004	-.00023	F 2.5119
Stddev	.00115	.00217	.00024	.00221	.00078	.0003	.00004	.0679
%RSD	17.015	245.69	5.1922	256.63	17.540	74.25	16.598	2.7036
#1	-.00693	-.00216	-.00477	.00158	-.00467	.0005	-.00019	2.5763
#2	-.00556	.00162	-.00430	.00262	-.00360	.0001	-.00027	2.5185
#3	-.00785	-.00210	-.00452	-.00162	-.00513	.0007	-.00023	2.4410

Sample Name: CCB01 Acquired: 5/3/2019 12:28:32 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .57986
Stddev	.08128
%RSD	14.017

#1	.66276
#2	.50030
#3	.57651

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4178.0	54149.	5925.6	90.931	4734.1
Stddev	4.3	43.	9.7	1.120	4.7
%RSD	.10399	.07998	.16296	1.2321	.09892

#1	4182.4	54198.	5915.1	90.467	4729.7
#2	4177.9	54132.	5927.8	90.117	4739.0
#3	4173.7	54116.	5934.1	92.208	4733.5

Sample Name: K2670-01 Acquired: 5/3/2019 12:33:01 Type: Unk

Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: SPDES-1 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00622	-.00089	.00729	-.00092	.00065	-.01191	.35667	.00001
Stddev	.00239	.00200	.00094	.00496	.00115	.00892	.00240	.00002
%RSD	38.483	225.70	12.860	538.87	175.88	74.892	.67209	299.39
#1	.00401	.00137	.00678	.00479	-.00024	-.00173	.35445	.00002
#2	.00876	-.00157	.00672	-.00333	.00195	-.01564	.35635	.00002
#3	.00588	-.00245	.00837	-.00422	.00024	-.01835	.35921	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00060	278.69	-.00040	-.00031	.00279	-.01118	.00013	107.42
Stddev	.00003	.93	.00017	.00027	.00034	.00060	.00004	.85
%RSD	5.7367	.33452	41.828	87.595	12.230	5.3673	28.575	.79032
#1	-.00062	278.94	-.00030	-.00006	.00243	-.01150	.00013	106.88
#2	-.00056	277.65	-.00030	-.00059	.00311	-.01049	.00010	106.98
#3	-.00063	279.47	-.00059	-.00027	.00282	-.01156	.00018	108.40
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00299	.00015	1172.9	.00031	.10665	41.528	.20301	.39589
Stddev	.00010	.00028	5.9	.00040	.00052	.352	.00220	.01908
%RSD	3.5113	193.20	.50362	130.66	.48691	.84695	1.0816	4.8184
#1	-.00287	-.00018	1179.7	.00064	.10622	41.230	.20109	.38289
#2	-.00304	.00029	1170.0	.00042	.10649	41.438	.20253	.41779
#3	-.00306	.00032	1169.0	-.00014	.10723	41.916	.20540	.38700
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 88.897	F 14.489	-.03930	-.00658	.04216	.0380	1.7914	6.1597
Stddev	.250	.046	.00083	.00053	.00132	.0006	.0046	.0746
%RSD	.28088	.31851	2.1158	7.9859	3.1273	1.540	.25608	1.2111
#1	88.659	14.525	-.03979	-.00713	.04282	.0386	1.7928	6.1973
#2	88.875	14.505	-.03834	-.00609	.04302	.0381	1.7862	6.2079
#3	89.157	14.437	-.03977	-.00652	.04064	.0374	1.7950	6.0737

Sample Name: K2670-01 Acquired: 5/3/2019 12:33:01 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SPDES-1 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	8.3456
Stddev	.3323
%RSD	3.9822

#1	8.4113
#2	8.6402
#3	7.9853

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3644.6	46583.	5813.3	85.149	3675.5
Stddev	21.3	207.	21.8	1.335	8.3
%RSD	.58470	.44506	.37459	1.5681	.22591

#1	3669.2	46708.	5788.2	85.592	3683.5
#2	3632.5	46698.	5824.1	86.207	3676.0
#3	3632.1	46344.	5827.5	83.649	3666.9

Sample Name: PB119430BL Acquired: 5/3/2019 12:37:34 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119430BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00078	.00018	-.00180	.00050	-.00103	-.01815	.00050	-.00005
Stddev	.00109	.00045	.00057	.00288	.00022	.00956	.00047	.00003
%RSD	139.99	257.00	31.660	576.18	21.369	52.682	93.240	61.906

#1	-.00155	.00008	-.00115	.00364	-.00105	-.01282	.00022	-.00003
#2	.00047	.00067	-.00208	-.00202	-.00080	-.01243	.00104	-.00008
#3	-.00125	-.00022	-.00219	-.00012	-.00124	-.02918	.00025	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	-.00878	.00011	-.00008	-.00000	-.00185	.00006	.00388
Stddev	.00004	.01610	.00017	.00022	.00018	.00042	.00006	.03608
%RSD	27.510	183.43	151.10	259.85	6970.7	22.654	112.46	929.93

#1	-.00012	-.01769	.00001	-.00033	-.00020	-.00203	.00001	-.03758
#2	-.00010	-.01844	.00031	.00002	.00015	-.00215	.00013	.02111
#3	-.00017	.00981	.00001	.00006	.00004	-.00137	.00003	.02811

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	.00006	.30161	.00006	-.00273	.01961	-.00078	-.00534
Stddev	.00028	.00034	.02108	.00004	.00006	.03043	.00015	.00274
%RSD	82.618	608.93	6.9877	74.271	2.3565	155.20	18.942	51.297

#1	.00059	.00010	.32178	.00005	-.00280	.04063	-.00073	-.00433
#2	.00039	.00037	.30332	.00010	-.00270	.03348	-.00067	-.00325
#3	.00004	-.00030	.27973	.00002	-.00269	-.01529	-.00095	-.00845

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01836	.00057	-.00577	-.00039	F .00597	.0004	-.00018	F 2.9870
Stddev	.00736	.00143	.00049	.00297	.00061	.0006	.00003	.1469
%RSD	40.083	252.69	8.5002	752.13	10.257	162.1	17.676	4.9173

#1	.02686	.00176	-.00632	-.00100	.00663	.0003	-.00021	2.8390
#2	.01412	-.00102	-.00558	.00283	.00543	.0010	-.00015	3.1327
#3	.01411	.00096	-.00540	-.00302	.00584	-.0002	-.00019	2.9892

Sample Name: PB119430BL Acquired: 5/3/2019 12:37:34 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB119430BL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .15776
Stddev	.28336
%RSD	179.62

#1	.04686
#2	.47979
#3	-.05338

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4194.0	54828.	6011.0	91.831	4745.7
Stddev	8.6	120.	52.3	.804	7.4
%RSD	.20622	.21925	.87059	.87571	.15586

#1	4184.2	54700.	5950.7	92.633	4740.8
#2	4197.4	54938.	6038.3	91.025	4754.2
#3	4200.4	54847.	6044.2	91.833	4742.2

Sample Name: PB119430BS Acquired: 5/3/2019 12:42:04 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119430BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75710	1.9784	.97756	1.9357	.78299	1.8524	.19612
Stddev	.00396	.0022	.00427	.0085	.00090	.0119	.00056
%RSD	.52242	.11115	.43640	.43935	.11524	.64167	.28754

#1	.75772	1.9762	.97944	1.9396	.78343	1.8555	.19575
#2	.75287	1.9805	.97268	1.9416	.78359	1.8624	.19676
#3	.76070	1.9786	.98057	1.9259	.78195	1.8393	.19583

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19444	.18946	1.0411	.39962	.19611	.31545	3.0843
Stddev	.00052	.00024	.0117	.00084	.00028	.00135	.0050
%RSD	.26929	.12723	1.1278	.20998	.14274	.42645	.16295

#1	.19431	.18973	1.0465	.40020	.19584	.31691	3.0788
#2	.19400	.18936	1.0276	.39866	.19607	.31427	3.0855
#3	.19502	.18928	1.0491	.40000	.19640	.31516	3.0887

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20788	1.9568	.48822	.07137	2.9788	.29935	.18791
Stddev	.00054	.0573	.00139	.00041	.0078	.00115	.00026
%RSD	.26055	2.9298	.28391	.57782	.26269	.38454	.13916

#1	.20726	2.0216	.48942	.07173	2.9851	.29880	.18810
#2	.20808	1.9364	.48670	.07092	2.9813	.29858	.18761
#3	.20829	1.9125	.48854	.07146	2.9700	.30068	.18802

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6573	.39927	.27188	F 6.8127	.91373	.65131	.19978
Stddev	.0220	.00145	.01445	.0232	.00462	.00090	.00205
%RSD	.22743	.36237	5.3155	.34106	.50597	.13798	1.0285

#1	9.6734	.39984	.26871	6.7860	.90994	.65208	.19824
#2	9.6663	.39762	.25927	6.8285	.91236	.65032	.20211
#3	9.6323	.40033	.28765	6.8236	.91888	.65152	.19899

Sample Name: PB119430BS Acquired: 5/3/2019 12:42:04 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB119430BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19301	5.147	.19674	F 3.0327	F<.00000
Stddev	.00071	.008	.00068	.1736	.51764
%RSD	.36856	.1500	.34409	5.7231	15.167

#1	.19317	5.138	.19751	3.1756	-3.2144
#2	.19223	5.153	.19647	2.8396	-4.0006
#3	.19363	5.149	.19624	3.0830	-3.0241

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4139.8	54419.	5950.0	91.781	4627.2
Stddev	4.7	196.	40.3	1.733	.7
%RSD	.11349	.35977	.67731	1.8883	.01445

#1	4134.7	54195.	5904.6	90.258	4627.3
#2	4140.9	54557.	5981.6	93.667	4627.7
#3	4143.9	54506.	5963.7	91.417	4626.4

Sample Name: PB119437BL Acquired: 5/3/2019 12:46:09 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	.00089	-.00227	.00370	-.00040	-.00782	.00030
Stddev	.00088	.00012	.00073	.00280	.00020	.00310	.00035
%RSD	423.40	13.852	32.296	75.773	50.207	39.680	116.67

#1	.00079	.00080	-.00252	.00642	-.00048	-.00629	.00005
#2	-.00090	.00103	-.00285	.00387	-.00017	-.01139	.00070
#3	-.00052	.00084	-.00145	.00082	-.00055	-.00578	.00015

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00014	-.00902	-.00017	-.00018	-.00024	-.00097
Stddev	.00001	.00006	.01524	.00032	.00006	.00040	.00006
%RSD	11.889	44.172	168.90	185.11	34.577	164.42	5.8383

#1	-.00006	-.00014	-.02310	-.00048	-.00020	.00010	-.00091
#2	-.00007	-.00020	.00716	-.00020	-.00011	-.00067	-.00102
#3	-.00006	-.00008	-.01113	.00016	-.00023	-.00015	-.00097

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	-.00982	.00025	-.00003	-.01621	.00007	-.00264
Stddev	.00003	.04753	.00052	.00044	.00540	.00046	.00010
%RSD	24.973	484.13	207.73	1462.6	33.326	620.71	3.7278

#1	-.00015	-.02732	.00085	.00031	-.01403	-.00026	-.00254
#2	-.00016	-.04612	.00002	-.00053	-.02236	-.00011	-.00265
#3	-.00010	.04398	-.00012	.00013	-.01223	.00059	-.00274

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.12775	-.00074	-.01027	.00140	.00043	-.00553	.00032
Stddev	.03300	.00021	.00971	.00305	.00089	.00049	.00046
%RSD	25.833	28.178	94.499	218.01	207.75	8.9326	143.67

#1	-.09103	-.00092	-.01404	.00092	.00105	-.00600	.00012
#2	-.15493	-.00079	-.01753	.00467	-.00059	-.00558	-.00001
#3	-.13729	-.00051	.00075	-.00138	.00082	-.00501	.00084

Sample Name: PB119437BL Acquired: 5/3/2019 12:46:09 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00221	-0.0013	-0.00016	F 2.4928	F<.00000
Stddev	.00046	.0005	.00010	.1499	.17362
%RSD	21.026	37.75	62.291	6.0143	66.042

#1	-0.00180	-0.0012	-0.00006	2.4058	-.22229
#2	-0.00212	-0.0018	-0.00025	2.4066	-.11318
#3	-0.00271	-0.0008	-0.00016	2.6659	-.45323

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4179.0	54470.	5954.2	91.000	4731.7
Stddev	4.9	362.	8.6	.737	4.1
%RSD	.11734	.66473	.14486	.81022	.08720

#1	4174.6	54087.	5946.5	91.617	4730.0
#2	4178.1	54517.	5952.8	91.200	4728.7
#3	4184.3	54807.	5963.5	90.183	4736.4

Sample Name: PB119437BS Acquired: 5/3/2019 12:50:37 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75434	1.9629	.97097	1.9249	.77850	1.8701	.19458
Stddev	.00271	.0034	.00054	.0020	.00286	.0075	.00061
%RSD	.35963	.17151	.05588	.10251	.36683	.40280	.31399
#1	.75731	1.9614	.97133	1.9236	.77950	1.8614	.19397
#2	.75370	1.9668	.97035	1.9271	.77528	1.8746	.19460
#3	.75200	1.9607	.97124	1.9239	.78072	1.8743	.19519
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19261	.18807	1.0457	.40238	.19380	.31544	3.0768
Stddev	.00024	.00035	.0117	.00173	.00064	.00056	.0063
%RSD	.12541	.18695	1.1162	.42907	.33059	.17895	.20439
#1	.19234	.18776	1.0343	.40051	.19307	.31529	3.0764
#2	.19280	.18799	1.0450	.40271	.19412	.31497	3.0708
#3	.19269	.18845	1.0576	.40392	.19423	.31607	3.0834
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20531	1.9207	.48647	.07032	2.9252	.29943	.18598
Stddev	.00058	.0473	.00078	.00084	.0190	.00089	.00026
%RSD	.28352	2.4600	.16066	1.1897	.64924	.29679	.13734
#1	.20510	1.8724	.48569	.06940	2.9033	.29872	.18578
#2	.20485	1.9668	.48647	.07105	2.9347	.29915	.18588
#3	.20596	1.9229	.48725	.07049	2.9374	.30043	.18627
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5712	.39531	.27459	F 6.7816	.90980	.64820	.19720
Stddev	.0850	.00034	.00498	.0161	.00583	.00256	.00166
%RSD	.88811	.08573	1.8134	.23756	.64060	.39435	.84257
#1	9.4731	.39570	.27150	6.7632	.91632	.64577	.19911
#2	9.6176	.39514	.27194	6.7932	.90801	.65087	.19639
#3	9.6229	.39509	.28034	6.7885	.90508	.64796	.19610

Sample Name: PB119437BS Acquired: 5/3/2019 12:50:37 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19608	5.115	.19682	F 2.2966	F<.00000
Stddev	.00197	.006	.00022	.1667	.05903
%RSD	1.0025	.1203	.10926	7.2596	1.4229
#1	.19817	5.109	.19678	2.4515	-4.0847
#2	.19578	5.121	.19705	2.1201	-4.1605
#3	.19428	5.116	.19663	2.3181	-4.2010
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4166.6	54098.	5922.2	90.292	4656.4
Stddev	6.2	97.	28.9	.310	3.7
%RSD	.14889	.17863	.48721	.34372	.07853
#1	4159.5	54182.	5889.5	90.050	4652.7
#2	4170.5	54118.	5932.8	90.642	4660.0
#3	4169.9	53992.	5944.2	90.183	4656.4

Sample Name: PB119428BL Acquired: 5/3/2019 12:54:44 Type: Unk
Method: P4-ICP2(v3092) 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	-.00093	.00105	-.00286	.00188	.00018	-.00808	.00013
Stddev	.00117	.00104	.00035	.00209	.00174	.00220	.00051
%RSD	125.94	98.540	12.066	110.88	948.05	27.183	407.13

#1	-.00163	.00094	-.00264	.00409	-.00074	-.01049	-.00045
#2	-.00157	.00214	-.00268	.00163	.00219	-.00759	.00053
#3	.00042	.00007	-.00326	-.00007	-.00090	-.00618	.00029

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.00006	.00859	-.00018	-.00024	-.00015	-.00102
Stddev	.00005	.00003	.00651	.00035	.00015	.00040	.00022
%RSD	56.804	60.147	75.752	198.57	59.962	261.77	21.180

#1	-.00003	-.00009	.00156	-.00028	-.00039	-.00050	-.00126
#2	-.00014	-.00003	.00981	-.00046	-.00023	-.00024	-.00096
#3	-.00011	-.00004	.01441	.00021	-.00010	.00029	-.00084

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	.03007	.00019	.00060	-.04868	.00004	-.00267
Stddev	.00005	.03844	.00018	.00066	.00687	.00020	.00008
%RSD	41.681	127.84	94.350	109.93	14.106	512.24	3.0283

#1	-.00017	.00446	.00001	.00129	-.04523	.00004	-.00259
#2	-.00007	.01148	.00038	.00054	-.05659	-.00016	-.00267
#3	-.00010	.07427	.00019	-.00003	-.04423	.00023	-.00276

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.15797	-.00063	-.00278	-.00336	.00107	-.00615	.00132
Stddev	.01863	.00016	.01179	.00462	.00101	.00059	.00047
%RSD	11.795	24.589	424.62	137.42	93.772	9.6612	35.458

#1	-.15660	-.00081	-.01356	.00124	.00171	-.00642	.00131
#2	-.17724	-.00051	-.00457	-.00333	.00159	-.00656	.00180
#3	-.14005	-.00058	.00981	-.00799	-.00009	-.00547	.00086

Sample Name: PB119428BL Acquired: 5/3/2019 12:54:44 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00541	-0.0005	-0.00021	F 2.1219	F<.00000
Stddev	.00216	.0005	.00007	.2249	.20528
%RSD	39.976	102.1	33.021	10.601	37.952

#1	-0.00412	-0.0003	-0.00027	2.3670	-.53400
#2	-0.00421	-0.0011	-0.00021	1.9248	-.33915
#3	-0.00791	-0.0001	-0.00014	2.0740	-.74953

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4214.3	54161.	5888.2	89.639	4773.7
Stddev	2.9	245.	29.0	1.540	5.5
%RSD	.06985	.45178	.49269	1.7182	.11540

#1	4213.3	53926.	5854.9	88.792	4767.4
#2	4217.6	54141.	5908.6	88.708	4776.9
#3	4211.9	54414.	5901.0	91.417	4776.9

Sample Name: PB119428BS Acquired: 5/3/2019 12:59:11 Type: Unk
Method: P4-ICP2(v3092) 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	.77572	2.0262	1.0020	2.0148	.78421	1.8851	.20013
Stddev	.00282	.0057	.0039	.0107	.00464	.0148	.00236
%RSD	.36292	.27954	.38827	.53141	.59169	.78393	1.1798

#1	.77606	2.0209	.99913	2.0111	.78270	1.8683	.19742
#2	.77836	2.0322	1.0064	2.0269	.78942	1.8912	.20176
#3	.77276	2.0256	1.0004	2.0064	.78052	1.8959	.20121

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20213	.19708	1.0721	.41302	.19976	.32126	3.1281
Stddev	.00031	.00021	.0236	.00113	.00048	.00155	.0031
%RSD	.15290	.10723	2.1975	.27294	.23901	.48285	.09893

#1	.20239	.19694	1.0486	.41430	.20022	.32105	3.1274
#2	.20222	.19732	1.0957	.41219	.19978	.32290	3.1314
#3	.20179	.19698	1.0721	.41256	.19927	.31982	3.1254

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21132	1.9997	.50115	.07355	2.9533	.30576	.19233
Stddev	.00041	.0768	.00184	.00057	.0343	.00076	.00051
%RSD	.19232	3.8390	.36663	.76845	1.1602	.24738	.26500

#1	.21152	1.9136	.49903	.07377	2.9167	.30621	.19213
#2	.21085	2.0610	.50212	.07291	2.9845	.30489	.19292
#3	.21158	2.0245	.50229	.07398	2.9588	.30619	.19196

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7641	.40271	.28464	F -.00441	.93948	.66542	.19875
Stddev	.0555	.00131	.00273	.00123	.01355	.00426	.00116
%RSD	.56814	.32554	.95848	27.925	1.4427	.64086	.58563

#1	9.7092	.40222	.28214	-.00527	.95366	.66671	.19756
#2	9.8201	.40419	.28755	-.00300	.92665	.66889	.19989
#3	9.7628	.40171	.28422	-.00497	.93812	.66066	.19881

Sample Name: PB119428BS Acquired: 5/3/2019 12:59:11 Type: Unk
Method: P4-ICP2(v3092) 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	.19634	5.293	.20164	F 2.9778	F<.00000
Stddev	.00258	.028	.00019	.0306	.62918
%RSD	1.3137	.5350	.09178	1.0276	17.513
#1	.19814	5.292	.20143	3.0102	-3.3906
#2	.19750	5.322	.20178	2.9494	-3.0892
#3	.19339	5.265	.20171	2.9739	-4.2979
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4134.5	53498.	5853.5	90.736	4593.0
Stddev	19.8	127.	46.7	2.276	13.7
%RSD	.47780	.23759	.79831	2.5078	.29894
#1	4126.2	53562.	5803.3	88.175	4584.7
#2	4120.3	53351.	5895.7	92.525	4585.4
#3	4157.1	53579.	5861.4	91.508	4608.8

Sample Name: PB119445BL Acquired: 5/3/2019 13:03:17 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00051	-.00032	-.00260	.00497	-.00038	-.01825	-.00008	-.00012
Stddev	.00126	.00038	.00089	.00135	.00066	.01413	.00025	.00002
%RSD	249.09	119.13	34.211	27.175	173.13	77.445	309.42	16.891
#1	.00170	-.00056	-.00169	.00361	-.00114	-.03342	-.00024	-.00010
#2	-.00081	.00012	-.00266	.00631	-.00009	-.01588	.00020	-.00013
#3	.00062	-.00050	-.00347	.00499	.00008	-.00545	-.00020	-.00014
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.00155	.00018	-.00018	-.00041	-.00122	-.00015	-.02160
Stddev	.00009	.00660	.00019	.00001	.00018	.00064	.00005	.02608
%RSD	83.570	427.18	105.47	6.4808	44.472	52.307	29.705	120.72
#1	-.00016	-.00915	.00027	-.00017	-.00061	-.00169	-.00020	-.00698
#2	-.00000	.00269	.00032	-.00019	-.00028	-.00049	-.00014	-.00612
#3	-.00015	.00183	-.00004	-.00018	-.00032	-.00148	-.00012	-.05171
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	.00049	-.06740	.00003	-.00282	-.17467	-.00058	-.00831
Stddev	.00016	.00042	.00936	.00032	.00008	.02535	.00005	.00327
%RSD	65.155	86.429	13.883	1199.8	2.7352	14.513	8.9507	39.315
#1	.00006	.00092	-.06094	-.00009	-.00288	-.17373	-.00059	-.00909
#2	.00033	.00008	-.06314	-.00022	-.00286	-.20048	-.00052	-.00472
#3	.00035	.00045	-.07813	.00039	-.00273	-.14981	-.00063	-.01111
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00578	.00013	-.00655	.00012	-.00512	-.0005	-.00020	F 2.4661
Stddev	.00213	.00289	.00058	.00031	.00074	.0012	.00013	.1674
%RSD	36.799	2174.1	8.8147	268.06	14.430	257.4	64.652	6.7874
#1	-.00383	.00163	-.00721	-.00022	-.00435	-.0006	-.00032	2.6241
#2	-.00547	-.00320	-.00630	.00017	-.00582	-.0016	-.00022	2.4836
#3	-.00805	.00197	-.00615	.00039	-.00519	.0008	-.00006	2.2907

Sample Name: PB119445BL Acquired: 5/3/2019 13:03:17 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .15888
Stddev	.56518
%RSD	355.72

#1	.69763
#2	-.42945
#3	.20847

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4177.4	53983.	5923.1	89.758	4719.6
Stddev	4.5	157.	45.5	.229	6.1
%RSD	.10758	.29069	.76867	.25527	.12852

#1	4172.9	53934.	5922.6	89.708	4712.6
#2	4177.4	53857.	5968.9	89.558	4723.2
#3	4181.9	54159.	5877.9	90.008	4723.1

Sample Name: PB119445BS Acquired: 5/3/2019 13:07:45 Type: Unk
Method: P4-ICP2(v3092) 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	.73190	1.8940	.94883	1.8562	.74864	1.8380	.19539
Stddev	.00365	.0168	.00174	.0120	.00144	.0131	.00094
%RSD	.49932	.88604	.18385	.64757	.19269	.71204	.48122

#1	.73324	1.9002	.95028	1.8654	.75016	1.8347	.19435
#2	.73470	1.9069	.94932	1.8605	.74847	1.8268	.19619
#3	.72777	1.8751	.94689	1.8426	.74729	1.8524	.19563

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18402	.18450	1.0079	.40215	.19232	.30492	3.0128
Stddev	.00026	.00014	.0174	.00057	.00066	.00038	.0055
%RSD	.14161	.07663	1.7223	.14083	.34289	.12464	.18382

#1	.18382	.18458	.98801	.40253	.19265	.30513	3.0183
#2	.18391	.18458	1.0198	.40150	.19275	.30515	3.0072
#3	.18431	.18434	1.0160	.40243	.19156	.30448	3.0129

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20420	1.9066	.47903	.06779	2.8705	.30119	.17795
Stddev	.00063	.0200	.00119	.00046	.0162	.00096	.00031
%RSD	.30936	1.0503	.24944	.67451	.56459	.31748	.17554

#1	.20482	1.8838	.47972	.06732	2.8526	.30029	.17824
#2	.20423	1.9214	.47971	.06823	2.8842	.30109	.17798
#3	.20356	1.9145	.47765	.06780	2.8747	.30220	.17762

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4122	.39527	.26798	F -.01082	.90141	.62811	.19565
Stddev	.0585	.00258	.01430	.00223	.00418	.00437	.00130
%RSD	.62099	.65370	5.3358	20.602	.46405	.69607	.66496

#1	9.3468	.39617	.25714	-.00825	.90586	.62908	.19428
#2	9.4305	.39729	.26262	-.01211	.89755	.63191	.19578
#3	9.4593	.39236	.28419	-.01211	.90081	.62333	.19687

Sample Name: PB119445BS Acquired: 5/3/2019 13:07:45 Type: Unk
Method: P4-ICP2(v3092) 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	.19241	4.938	.19738	F 2.5435	F<.00000
Stddev	.00191	.060	.00044	.1549	.71328
%RSD	.99396	1.214	.22253	6.0909	13.929
#1	.19433	4.961	.19748	2.3983	-4.7025
#2	.19050	4.983	.19690	2.7066	-4.7154
#3	.19241	4.870	.19776	2.5256	-5.9444
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4107.2	53539.	5855.1	90.928	4585.6
Stddev	3.0	166.	27.1	1.292	6.4
%RSD	.07387	.31017	.46246	1.4205	.13889
#1	4107.8	53390.	5827.1	90.108	4590.9
#2	4109.9	53510.	5856.9	90.258	4587.4
#3	4103.9	53718.	5881.2	92.417	4578.5

Sample Name: PB119445TB Acquired: 5/3/2019 13:11:53 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 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	-.00230	-.00211	.00267	.00114	-.00892	-.00007	-.00010
Stddev	.00124	.00170	.00023	.00319	.00101	.00410	.00060	.00006
%RSD	99.130	73.588	11.084	119.50	88.581	46.002	878.08	55.922

#1	.00260	-.00042	-.00186	.00635	.00163	-.00534	-.00076	-.00015
#2	.00095	-.00370	-.00213	.00067	-.00002	-.00802	.00021	-.00013
#3	.00018	-.00279	-.00233	.00099	.00180	-.01340	.00034	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	.00967	.00045	-.00034	-.00005	.00033	-.00005	.02390
Stddev	.00010	.01359	.00011	.00017	.00009	.00077	.00003	.02378
%RSD	47.669	140.48	24.055	50.201	201.90	234.61	65.654	99.467

#1	-.00011	-.00353	.00039	-.00054	-.00005	-.00054	-.00008	.02583
#2	-.00031	.02361	.00038	-.00027	-.00013	.00060	-.00002	-.00078
#3	-.00022	.00894	.00057	-.00021	.00005	.00092	-.00003	.04666

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	.00126	F 288.66	.00019	.00289	-.11786	-.00051	-.00454
Stddev	.00044	.00046	.63	.00024	.00011	.04377	.00028	.01937
%RSD	154.40	36.667	.21943	128.68	3.8390	37.139	54.816	426.46

#1	-.00022	.00085	288.21	.00033	.00280	-.16068	-.00030	-.00756
#2	.00052	.00115	289.39	-.00009	.00287	-.11969	-.00041	.01616
#3	.00056	.00176	288.38	.00032	.00301	-.07320	-.00083	-.02222

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00269	.00568	-.00639	.00062	-.00542	.0010	-.00022	4.4771
Stddev	.00078	.00084	.00105	.00192	.00149	.0007	.00004	.0580
%RSD	28.892	14.759	16.488	312.34	27.489	70.58	20.108	1.2960

#1	.00235	.00546	-.00759	-.00005	-.00687	.0011	-.00020	4.4467
#2	.00358	.00661	-.00567	-.00088	-.00389	.0017	-.00019	4.5440
#3	.00214	.00498	-.00590	.00278	-.00552	.0003	-.00027	4.4405

Sample Name: PB119445TB Acquired: 5/3/2019 13:11:53 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.1990
Stddev	.1682
%RSD	14.027

#1	1.2961
#2	1.2962
#3	1.0048

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3893.7	49883.	5794.6	85.719	4095.9
Stddev	16.2	134.	31.0	1.154	9.2
%RSD	.41520	.26913	.53510	1.3457	.22542

#1	3880.6	49880.	5800.2	86.475	4086.8
#2	3911.8	49750.	5761.2	84.392	4095.6
#3	3888.6	50018.	5822.5	86.292	4105.3

Sample Name: CCV02 Acquired: 5/3/2019 13:16:30 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14915 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8834	4.8772	4.9210	4.9015	4.9301	9.6672	9.8458	.24913
Stddev	.0033	.0216	.0081	.0210	.0065	.1155	.0954	.00054
%RSD	.06696	.44317	.16498	.42828	.13119	1.1950	.96927	.21613
#1	4.8843	4.8987	4.9238	4.8848	4.9231	9.7838	9.8211	.24922
#2	4.8861	4.8774	4.9273	4.9250	4.9358	9.6649	9.9511	.24856
#3	4.8798	4.8555	4.9118	4.8946	4.9315	9.5528	9.7651	.24962
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4553	25.022	.99165	2.4576	1.2421	4.9730	2.5236	24.580
Stddev	.0032	.083	.00195	.0024	.0031	.0176	.0056	.199
%RSD	.13044	.33009	.19677	.09656	.25284	.35486	.22207	.80881
#1	2.4547	25.096	.98941	2.4591	1.2395	4.9656	2.5208	24.784
#2	2.4587	24.933	.99261	2.4588	1.2411	4.9602	2.5200	24.567
#3	2.4524	25.036	.99294	2.4548	1.2456	4.9931	2.5301	24.387
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4581	1.2265	24.628	2.4770	2.4489	24.431	4.9715	4.8971
Stddev	.0049	.0008	.151	.0074	.0057	.093	.0059	.0512
%RSD	.19766	.06234	.61256	.29939	.23221	.38118	.11888	1.0455
#1	2.4566	1.2259	24.726	2.4687	2.4526	24.525	4.9662	4.9016
#2	2.4635	1.2274	24.703	2.4794	2.4518	24.428	4.9779	4.9459
#3	2.4541	1.2264	24.454	2.4829	2.4423	24.339	4.9702	4.8438
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7566	4.9395	4.8959	4.9892	4.8776	4.817	5.0276	F 3.9454
Stddev	.0208	.0565	.0192	.0090	.0157	.022	.0158	.0656
%RSD	.43710	1.1436	.39289	.18034	.32082	.4503	.31439	1.6633
#1	4.7702	4.8830	4.9000	4.9995	4.8610	4.814	5.0094	3.8803
#2	4.7669	4.9394	4.9127	4.9844	4.8921	4.839	5.0358	3.9445
#3	4.7326	4.9960	4.8749	4.9835	4.8797	4.796	5.0378	4.0115

Sample Name: CCV02 Acquired: 5/3/2019 13:16:30 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14915 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3603
Stddev .2399
%RSD 10.162

#1 2.0853
#2 2.4693
#3 2.5264

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4014.4	51605.	5870.3	87.527	4206.2
Stddev	10.3	136.	33.0	1.360	1.9
%RSD	.25576	.26269	.56132	1.5541	.04604

#1	4024.4	51552.	5905.8	86.008	4208.1
#2	4014.8	51504.	5864.5	88.632	4206.3
#3	4003.9	51759.	5840.6	87.941	4204.2

Sample Name: CCB02 Acquired: 5/3/2019 13:20:37 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14915 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00317	.00014	-.00218	-.00012	-.00021	-.00695	.00012
Stddev	.00154	.00087	.00080	.00151	.00063	.00233	.00030
%RSD	48.380	616.66	36.689	1287.7	294.63	33.473	257.46

#1	.00410	.00104	-.00219	-.00147	-.00093	-.00715	.00001
#2	.00140	-.00069	-.00137	-.00039	.00026	-.00916	-.00012
#3	.00402	.00007	-.00297	.00151	.00003	-.00453	.00046

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.00007	.00423	-.00019	-.00012	-.00012	-.00082
Stddev	.00001	.00002	.00954	.00024	.00016	.00013	.00045
%RSD	7.4982	36.126	225.41	126.87	128.14	105.94	54.697

#1	-.00012	-.00006	.01332	.00004	-.00030	-.00013	-.00120
#2	-.00010	-.00005	-.00571	-.00045	-.00008	.00001	-.00092
#3	-.00011	-.00009	.00509	-.00016	.00001	-.00025	-.00033

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.02012	.00015	.00040	-.03719	.00013	-.00273
Stddev	.00004	.01645	.00023	.00035	.00518	.00047	.00016
%RSD	49.398	81.759	157.43	87.416	13.918	349.32	5.9252

#1	-.00011	.02098	.00015	.00079	-.03412	.00066	-.00254
#2	-.00004	.03613	.00038	.00010	-.03428	-.00024	-.00284
#3	-.00007	.00326	-.00008	.00032	-.04316	-.00002	-.00281

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.18162	-.00054	-.00258	-.00305	.00259	-.00414	.00239
Stddev	.02606	.00025	.00679	.00449	.00070	.00085	.00057
%RSD	14.346	46.433	262.89	147.20	27.097	20.642	23.904

#1	-.15154	-.00050	.00525	-.00616	.00242	-.00316	.00302
#2	-.19684	-.00031	-.00686	.00209	.00337	-.00474	.00191
#3	-.19649	-.00080	-.00613	-.00508	.00200	-.00452	.00223

Sample Name: CCB02 Acquired: 5/3/2019 13:20:37 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14915 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00422	.0001	-.00013	F 2.1914	F<.00000
Stddev	.00092	.0005	.00002	.2979	.36552
%RSD	21.799	682.4	12.527	13.596	1364.5

#1	-.00465	.0004	-.00012	2.4944	-.35534
#2	-.00316	.0003	-.00015	1.8988	-.09196
#3	-.00485	-.0005	-.00011	2.1809	.36694

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4177.1	53966.	5895.3	91.081	4713.4
Stddev	6.1	160.	20.3	.848	6.2
%RSD	.14672	.29684	.34362	.93092	.13237

#1	4175.2	53797.	5872.9	90.167	4707.3
#2	4172.2	53984.	5900.5	91.842	4719.8
#3	4184.0	54116.	5912.4	91.233	4713.0

Sample Name: K2617-05 Acquired: 5/3/2019 13:25:06 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00210	-.00034	.04272	-.00029	.00080	.49389	.02357	.00002
Stddev	.00155	.00122	.00072	.00266	.00219	.01561	.00025	.00004
%RSD	73.752	353.61	1.6938	923.47	273.76	3.1608	1.0658	194.68

#1	.00194	.00074	.04286	.00050	.00114	.47930	.02350	-.00001
#2	.00064	-.00011	.04337	-.00325	.00280	.51035	.02336	.00007
#3	.00373	-.00166	.04194	.00189	-.00154	.49201	.02385	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	9.2653	.00238	.00084	.04403	1.7936	.13341	1.2973
Stddev	.00012	.0491	.00024	.00010	.00032	.0054	.00021	.0607
%RSD	360.16	.52998	10.001	11.608	.71998	.30256	.15554	4.6831

#1	-.00001	9.2815	.00216	.00094	.04421	1.7915	.13355	1.2336
#2	-.00016	9.3042	.00236	.00075	.04367	1.7896	.13317	1.3546
#3	.00007	9.2101	.00263	.00082	.04422	1.7998	.13352	1.3037

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00415	.00044	1.5744	.00826	.08492	.08288	-.00070	-.00456
Stddev	.00004	.00016	.0156	.00039	.00004	.01309	.00043	.01259
%RSD	.98170	37.148	.99322	4.6778	.04753	15.796	61.655	275.87

#1	.00412	.00026	1.5627	.00782	.08496	.06885	-.00034	-.00686
#2	.00419	.00058	1.5684	.00854	.08488	.09476	-.00118	.00902
#3	.00413	.00047	1.5922	.00843	.08492	.08504	-.00058	-.01584

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37922	1.5817	-.00595	.00379	-.00555	.1005	.03424	2.2834
Stddev	.00267	.0055	.00048	.00171	.00051	.0007	.00002	.1191
%RSD	.70380	.35041	8.1145	45.248	9.2721	.6937	.05370	5.2177

#1	.37624	1.5829	-.00549	.00189	-.00604	.0998	.03424	2.1683
#2	.38140	1.5866	-.00645	.00522	-.00501	.1007	.03426	2.2756
#3	.38003	1.5757	-.00591	.00426	-.00560	.1012	.03422	2.4062

Sample Name: K2617-05 Acquired: 5/3/2019 13:25:06 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .24060
 Stddev .13493
 %RSD 56.079

#1 .14830
 #2 .39545
 #3 .17804

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4194.8	54367.	5993.3	90.625	4694.7
Stddev	3.5	26.	15.9	.850	5.7
%RSD	.08268	.04710	.26583	.93807	.12117

#1	4194.2	54382.	5984.1	90.608	4692.7
#2	4198.5	54381.	5984.1	89.783	4690.3
#3	4191.6	54337.	6011.7	91.483	4701.1

Sample Name: K2621-02 Acquired: 5/3/2019 13:29:29 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00334	-.00031	.00021	.00292	-.00010	.03795	.01645	-.00002
Stddev	.00221	.00053	.00032	.00140	.00093	.00628	.00060	.00006
%RSD	66.260	169.31	151.72	47.901	971.01	16.552	3.6384	293.79

#1	.00498	-.00023	-.00005	.00137	-.00090	.03879	.01642	-.00009
#2	.00082	.00017	.00056	.00331	.00092	.04377	.01587	.00002
#3	.00421	-.00088	.00012	.00409	-.00031	.03129	.01706	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00036	28.837	.00148	-.00018	.00195	.12824	.02270	3.3720
Stddev	.00008	.075	.00060	.00011	.00024	.00212	.00017	.0156
%RSD	23.452	.25910	40.793	61.297	12.415	1.6521	.74390	.46133

#1	-.00029	28.847	.00148	-.00030	.00175	.13065	.02280	3.3598
#2	-.00034	28.906	.00087	-.00008	.00222	.12736	.02279	3.3895
#3	-.00045	28.758	.00207	-.00016	.00187	.12670	.02250	3.3667

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00172	.00023	125.30	.00112	.00073	4.5818	.00464	.08493
Stddev	.00032	.00019	.80	.00025	.00011	.0709	.00015	.01006
%RSD	18.634	81.756	.63465	22.278	14.965	1.5478	3.1495	11.843

#1	-.00135	.00019	125.38	.00084	.00071	4.5954	.00471	.09348
#2	-.00186	.00043	124.47	.00131	.00085	4.5051	.00474	.08746
#3	-.00194	.00006	126.06	.00121	.00063	4.6449	.00447	.07385

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2050	1.8454	-.00742	.00321	-.00030	.0287	.15286	3.6461
Stddev	.0112	.0299	.00042	.00035	.00178	.0008	.00050	.1802
%RSD	.26662	1.6213	5.6569	10.764	599.76	2.804	.32524	4.9435

#1	4.2077	1.8619	-.00726	.00353	.00068	.0279	.15279	3.4482
#2	4.2146	1.8634	-.00711	.00284	.00078	.0288	.15339	3.8009
#3	4.1927	1.8108	-.00790	.00326	-.00235	.0295	.15240	3.6891

Sample Name: K2621-02 Acquired: 5/3/2019 13:29:29 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.8021
Stddev .7367
%RSD 26.293

#1 2.6843
#2 3.5906
#3 2.1313

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4024.3	51131.	5786.7	88.356	4311.3
Stddev	7.1	163.	67.0	.766	6.3
%RSD	.17743	.31940	1.1571	.86746	.14702

#1	4016.1	51128.	5794.8	87.483	4306.3
#2	4027.4	51296.	5716.1	88.669	4309.2
#3	4029.4	50969.	5849.3	88.917	4318.5

Sample Name: K2621-02DUP Acquired: 5/3/2019 13:35:18 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00167	.00020	-.00070	.00163	.00067	.03305	.01536	-.00006
Stddev	.00170	.00129	.00022	.00169	.00212	.00907	.00019	.00009
%RSD	101.60	637.25	31.413	103.83	316.07	27.450	1.2417	162.16

#1	.00304	.00169	-.00062	-.00031	-.00002	.04203	.01552	-.00016
#2	.00220	-.00063	-.00096	.00236	-.00102	.03323	.01515	.00001
#3	-.00023	-.00045	-.00054	.00284	.00305	.02389	.01541	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	27.485	.00183	-.00010	.00260	.11423	.02156	3.2547
Stddev	.00004	.054	.00012	.00025	.00058	.00128	.00012	.0338
%RSD	13.325	.19468	6.4285	255.25	22.493	1.1173	.53953	1.0370

#1	-.00029	27.516	.00175	-.00024	.00210	.11279	.02149	3.2202
#2	-.00029	27.515	.00197	-.00024	.00246	.11524	.02151	3.2877
#3	-.00036	27.423	.00178	.00019	.00324	.11466	.02170	3.2562

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00176	.00045	120.56	.00085	.00175	4.4162	.00478	.07287
Stddev	.00010	.00020	.30	.00024	.00004	.0809	.00024	.01551
%RSD	5.5377	45.405	.24819	28.211	2.3327	1.8317	4.9292	21.288

#1	-.00166	.00041	120.28	.00104	.00171	4.3473	.00502	.07391
#2	-.00185	.00027	120.87	.00058	.00177	4.3961	.00456	.05686
#3	-.00176	.00067	120.54	.00094	.00178	4.5053	.00475	.08784

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1583	1.7223	-.00782	.00224	-.00099	.0268	.14593	3.7516
Stddev	.0477	.0156	.00037	.00053	.00068	.0008	.00030	.1363
%RSD	1.1465	.90557	4.7904	23.529	69.257	2.947	.20668	3.6336

#1	4.1034	1.7381	-.00741	.00220	-.00139	.0276	.14592	3.7359
#2	4.1828	1.7217	-.00793	.00279	-.00137	.0267	.14623	3.8950
#3	4.1887	1.7069	-.00813	.00174	-.00020	.0260	.14563	3.6237

Sample Name: K2621-02DUP Acquired: 5/3/2019 13:35:18 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.2894
 Stddev .5904
 %RSD 25.789

#1 1.6399
 #2 2.4347
 #3 2.7935

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4001.3	50938.	5834.2	89.453	4293.9
Stddev	4.3	159.	61.5	.791	7.2
%RSD	.10706	.31303	1.0549	.88482	.16871

#1	3998.1	50769.	5765.0	88.713	4289.4
#2	4006.1	50960.	5854.6	90.287	4290.0
#3	3999.5	51086.	5882.9	89.357	4302.2

Sample Name: K2621-02LX5 Acquired: 5/3/2019 13:39:43 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00227	-.00031	-.00123	.00186	-.00103	-.00637	.00376	-.00006
Stddev	.00190	.00121	.00029	.00158	.00050	.02103	.00019	.00009
%RSD	83.515	394.60	23.661	85.205	49.043	330.34	5.0106	138.96

#1	.00443	-.00152	-.00096	.00103	-.00048	-.02889	.00355	-.00007
#2	.00153	-.00032	-.00119	.00369	-.00147	-.00297	.00385	.00003
#3	.00086	.00091	-.00154	.00086	-.00113	.01276	.00389	-.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	6.2612	.00041	-.00019	.00028	.02380	.00484	.75510
Stddev	.00006	.0157	.00025	.00017	.00025	.00151	.00002	.05139
%RSD	44.011	.25139	60.664	87.280	88.096	6.3467	.31814	6.8059

#1	-.00014	6.2611	.00070	-.00017	.00001	.02336	.00485	.78995
#2	-.00008	6.2455	.00031	-.00038	.00049	.02548	.00485	.69608
#3	-.00021	6.2770	.00023	-.00004	.00033	.02256	.00483	.77926

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00060	.00005	26.555	.00042	-.00152	.80490	.00054	.00957
Stddev	.00003	.00037	.114	.00032	.00002	.02670	.00014	.01224
%RSD	5.2169	701.52	.43063	76.390	1.2945	3.3171	25.202	127.96

#1	-.00058	.00039	26.430	.00032	-.00151	.83567	.00038	-.00137
#2	-.00058	.00011	26.581	.00016	-.00151	.79119	.00058	.00728
#3	-.00063	-.00034	26.655	.00077	-.00155	.78784	.00064	.02279

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.85895	.39661	-.00674	.00107	-.00177	.0051	.03277	3.3685
Stddev	.00635	.00481	.00062	.00125	.00102	.0003	.00015	.0135
%RSD	.73870	1.2140	9.1286	116.35	57.419	6.844	.47216	.40071

#1	.86078	.40045	-.00710	.00066	-.00194	.0052	.03295	3.3753
#2	.86417	.39818	-.00603	.00008	-.00270	.0054	.03269	3.3529
#3	.85189	.39121	-.00709	.00248	-.00068	.0047	.03267	3.3773

Sample Name: K2621-02LX5 Acquired: 5/3/2019 13:39:43 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .84330
Stddev .22192
%RSD 26.316

#1 .58740
#2 .95979
#3 .98273

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4095.9	52512.	5812.9	89.270	4531.7
Stddev	12.0	77.	23.4	1.517	9.9
%RSD	.29406	.14719	.40304	1.6998	.21761

#1	4097.8	52601.	5785.9	90.991	4524.8
#2	4083.0	52471.	5824.9	88.123	4527.4
#3	4106.9	52464.	5827.8	88.696	4543.0

Sample Name: K2621-02MS Acquired: 5/3/2019 13:44:09 Type: Unk
Method: P4-ICP2(v3092) 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	.81368	2.0115	1.0143	2.0930	.80411	2.0469	.22291
Stddev	.00436	.0017	.0014	.0060	.00345	.0081	.00080
%RSD	.53530	.08640	.13310	.28704	.42922	.39378	.36076

#1	.81311	2.0132	1.0148	2.1000	.80037	2.0377	.22297
#2	.80964	2.0115	1.0128	2.0894	.80477	2.0528	.22368
#3	.81830	2.0097	1.0153	2.0898	.80718	2.0501	.22208

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20975	.20494	30.279	.42076	.20475	.32061	3.2592
Stddev	.00062	.00092	.118	.00101	.00033	.00045	.0065
%RSD	.29637	.44753	.39128	.24105	.16018	.14128	.19967

#1	.20975	.20396	30.302	.41959	.20443	.32009	3.2626
#2	.20913	.20509	30.151	.42139	.20474	.32081	3.2517
#3	.21037	.20577	30.385	.42130	.20509	.32093	3.2634

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23152	5.4674	.51460	.07383	130.20	.32133	.20684
Stddev	.00041	.0420	.00107	.00044	.22	.00058	.00042
%RSD	.17626	.76851	.20784	.59947	.16779	.17999	.20342

#1	.23162	5.4852	.51424	.07352	130.37	.32150	.20645
#2	.23107	5.4975	.51375	.07363	130.28	.32069	.20678
#3	.23187	5.4194	.51580	.07434	129.95	.32181	.20729

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.849	.41435	.37989	4.3210	2.7919	.69963	.20314
Stddev	.026	.00098	.01199	.0177	.0031	.00107	.00184
%RSD	.17523	.23767	3.1554	.40953	.11084	.15233	.90713

#1	14.864	.41342	.38327	4.3412	2.7934	.70063	.20503
#2	14.863	.41427	.38983	4.3139	2.7939	.69974	.20135
#3	14.818	.41538	.36658	4.3081	2.7883	.69851	.20303

Sample Name: K2621-02MS Acquired: 5/3/2019 13:44:09 Type: Unk
Method: P4-ICP2(v3092) 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	.20186	5.988	.35400	3.9858	F<.00000
Stddev	.00149	.012	.00100	.2600	1.0096
%RSD	.73692	.1950	.28332	6.5230	72.507

#1	.20354	6.002	.35458	4.1355	-2.2502
#2	.20070	5.982	.35285	3.6855	-.27983
#3	.20135	5.981	.35459	4.1363	-1.6471

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4008.6	50677.	5750.9	88.585	4237.3
Stddev	2.8	90.	19.3	.888	4.2
%RSD	.06931	.17840	.33480	1.0025	.10000

#1	4009.5	50725.	5753.3	89.602	4239.0
#2	4005.4	50573.	5768.8	87.962	4232.4
#3	4010.7	50733.	5730.5	88.192	4240.4

Sample Name: K2621-02MSD Acquired: 5/3/2019 13:48:11 Type: Unk
Method: P4-ICP2(v3092) 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	.81469	2.0152	1.0167	2.0980	.80859	2.0307	.22105
Stddev	.00419	.0117	.0048	.0194	.00252	.0073	.00146
%RSD	.51393	.58086	.46816	.92369	.31161	.35679	.66269
#1	.81785	2.0117	1.0112	2.1094	.80613	2.0283	.22052
#2	.81628	2.0283	1.0194	2.1090	.81116	2.0250	.21992
#3	.80994	2.0057	1.0195	2.0756	.80847	2.0389	.22271
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21110	.20587	28.176	.42286	.20612	.32312	3.2724
Stddev	.00030	.00021	.074	.00086	.00084	.00098	.0101
%RSD	.14002	.10225	.26224	.20419	.40685	.30479	.30959
#1	.21081	.20572	28.112	.42196	.20604	.32270	3.2613
#2	.21140	.20611	28.159	.42294	.20700	.32425	3.2750
#3	.21107	.20578	28.257	.42368	.20533	.32242	3.2811
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23129	5.1857	.51605	.07411	119.43	.32269	.20676
Stddev	.00015	.0434	.00137	.00074	.77	.00096	.00042
%RSD	.06326	.83589	.26457	1.0050	.64467	.29896	.20450
#1	.23122	5.1743	.51516	.07341	119.27	.32242	.20630
#2	.23119	5.1492	.51763	.07489	118.74	.32189	.20685
#3	.23146	5.2336	.51538	.07403	120.26	.32376	.20713
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.408	.41729	.37837	3.9593	2.6726	.70316	.20839
Stddev	.091	.00189	.00308	.0350	.0094	.00330	.00018
%RSD	.62958	.45378	.81450	.88379	.35016	.46951	.08741
#1	14.394	.41607	.38114	3.9657	2.6663	.70177	.20838
#2	14.325	.41948	.37892	3.9907	2.6681	.70693	.20857
#3	14.505	.41634	.37505	3.9216	2.6833	.70078	.20821

Sample Name: K2621-02MSD Acquired: 5/3/2019 13:48:11 Type: Unk
Method: P4-ICP2(v3092) 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	.20508	5.965	.34351	4.0913	F<.00000
Stddev	.00243	.037	.00214	.0616	.47470
%RSD	1.1828	.6196	.62252	1.5051	28.722

#1	.20271	5.969	.34267	4.0202	-1.1438
#2	.20495	6.000	.34192	4.1280	-2.0835
#3	.20756	5.926	.34594	4.1257	-1.7310

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4009.0	50946.	5734.4	87.066	4247.5
Stddev	6.5	245.	25.6	1.944	7.8
%RSD	.16123	.48115	.44692	2.2324	.18288

#1	4015.6	51121.	5758.2	89.216	4255.6
#2	4002.7	51051.	5737.8	86.550	4246.8
#3	4008.6	50666.	5707.3	85.432	4240.1

Sample Name: K2621-02A Acquired: 5/3/2019 13:52:14 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79765	1.9736	.99230	2.0522	.78962	1.9696	.21461	.20468
Stddev	.00660	.0043	.00311	.0081	.00349	.0094	.00065	.00042
%RSD	.82718	.21579	.31295	.39604	.44162	.47514	.30377	.20685

#1	.79784	1.9763	.99581	2.0456	.78698	1.9601	.21413	.20442
#2	.80416	1.9758	.99117	2.0613	.79357	1.9697	.21535	.20517
#3	.79096	1.9687	.98991	2.0496	.78830	1.9788	.21436	.20445

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20085	27.916	.41122	.20053	.31456	3.1789	.22452	5.0049
Stddev	.00044	.103	.00060	.00082	.00069	.0134	.00062	.0223
%RSD	.21995	.36827	.14525	.40810	.22091	.42057	.27780	.44488

#1	.20130	27.809	.41054	.20130	.31534	3.1635	.22414	5.0046
#2	.20083	28.014	.41166	.20064	.31436	3.1864	.22524	5.0273
#3	.20042	27.924	.41145	.19967	.31399	3.1869	.22419	4.9828

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50323	.07234	118.46	.31535	.20186	14.102	.40787	.35956
Stddev	.00160	.00081	.49	.00084	.00025	.037	.00129	.01045
%RSD	.31873	1.1168	.41293	.26711	.12423	.26501	.31568	2.9065

#1	.50482	.07149	117.97	.31474	.20206	14.084	.40830	.34988
#2	.50161	.07310	118.45	.31632	.20194	14.078	.40889	.35816
#3	.50328	.07243	118.95	.31501	.20158	14.145	.40643	.37064

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9454	2.6492	.68533	.20135	.19893	5.842	.33725	3.9202
Stddev	.0234	.0117	.00327	.00153	.00157	.030	.00096	.1049
%RSD	.59311	.44258	.47674	.76177	.79018	.5112	.28519	2.6752

#1	3.9694	2.6529	.68837	.19964	.19913	5.876	.33727	3.8875
#2	3.9443	2.6587	.68574	.20178	.20039	5.831	.33628	3.8356
#3	3.9226	2.6361	.68188	.20262	.19726	5.819	.33821	4.0375

Sample Name: K2621-02A Acquired: 5/3/2019 13:52:14 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.65531
%RSD	79.127

#1	-1.1579
#2	-.07349
#3	-1.2531

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4010.6	50794.	5708.5	87.888	4252.7
Stddev	16.9	165.	8.7	.400	13.1
%RSD	.42119	.32450	.15267	.45546	.30877

#1	4007.8	50978.	5717.9	87.488	4242.7
#2	3995.3	50661.	5700.7	87.889	4247.8
#3	4028.7	50743.	5707.0	88.288	4267.6

Sample Name: K2597-02 Acquired: 5/3/2019 13:59:57 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OB-722 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00442	.00038	.00144	.00325	.00169	.48124	.03083	-.00005
Stddev	.00014	.00103	.00062	.00086	.00072	.01575	.00086	.00002
%RSD	3.2081	271.11	43.110	26.358	42.866	3.2734	2.7787	42.793

#1	.00442	.00155	.00213	.00424	.00170	.49567	.03139	-.00006
#2	.00428	-.00041	.00128	.00267	.00240	.48361	.02984	-.00002
#3	.00456	.00001	.00092	.00284	.00095	.46443	.03125	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	24.765	.00283	.00052	.04643	1.3984	.05842	3.4991
Stddev	.00004	.042	.00020	.00023	.00023	.0040	.00026	.0439
%RSD	20.303	.17110	7.1196	43.880	.48866	.28500	.43850	1.2547

#1	-.00020	24.810	.00299	.00053	.04633	1.4029	.05867	3.4998
#2	-.00013	24.759	.00260	.00074	.04627	1.3953	.05843	3.4549
#3	-.00018	24.726	.00290	.00029	.04669	1.3971	.05816	3.5427

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00331	-.00012	101.34	.00706	.16542	7.5262	.00100	.05628
Stddev	.00041	.00049	.39	.00025	.00052	.0349	.00018	.00934
%RSD	12.367	388.96	.38216	3.5443	.31192	.46411	18.131	16.594

#1	.00368	.00038	101.02	.00734	.16515	7.5257	.00121	.06411
#2	.00287	-.00017	101.22	.00687	.16509	7.4915	.00090	.05878
#3	.00340	-.00059	101.77	.00696	.16601	7.5613	.00089	.04595

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1578	3.0488	-.00765	.01664	-.00299	.5768	.12220	3.0209
Stddev	.0250	.0391	.00036	.00021	.00148	.0052	.00018	.2600
%RSD	.60217	1.2836	4.6444	1.2340	49.606	.9070	.14873	8.6062

#1	4.1859	3.0801	-.00729	.01668	-.00428	.5828	.12238	2.7312
#2	4.1379	3.0612	-.00764	.01682	-.00332	.5735	.12221	3.0977
#3	4.1497	3.0049	-.00800	.01641	-.00137	.5741	.12202	3.2338

Sample Name: K2597-02 Acquired: 5/3/2019 13:59:57 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OB-722 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.3112
 Stddev .7124
 %RSD 54.334

#1 2.1206
 #2 .77919
 #3 1.0338

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4120.1	52755.	5973.2	91.492	4435.2
Stddev	14.6	90.	44.5	1.187	11.5
%RSD	.35498	.17149	.74581	1.2975	.25974

#1	4124.1	52842.	5945.4	90.465	4443.0
#2	4132.3	52662.	5949.6	91.218	4440.7
#3	4103.9	52760.	6024.6	92.792	4422.0

Sample Name: K2597-02DUP Acquired: 5/3/2019 14:04:17 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OB-722DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00554	-.00022	.00155	.00257	.00045	.47297	.03042	-.00000
Stddev	.00184	.00222	.00023	.00116	.00190	.01679	.00023	.00001
%RSD	33.165	985.68	14.704	45.398	417.98	3.5497	.74856	1358.7

#1	.00738	.00227	.00142	.00221	.00061	.46744	.03067	.00000
#2	.00371	-.00096	.00142	.00387	-.00152	.45964	.03023	.00001
#3	.00552	-.00198	.00181	.00162	.00227	.49183	.03036	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	24.765	.00291	.00039	.04673	1.3834	.05782	3.4417
Stddev	.00002	.065	.00015	.00012	.00040	.0049	.00025	.0204
%RSD	8.0726	.26202	5.3177	32.212	.86042	.35726	.43135	.59408

#1	-.00021	24.736	.00308	.00030	.04633	1.3882	.05793	3.4250
#2	-.00020	24.839	.00280	.00053	.04671	1.3783	.05753	3.4645
#3	-.00018	24.720	.00284	.00033	.04714	1.3837	.05799	3.4356

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00262	.00051	100.85	.00710	.16231	7.4799	.00076	.05491
Stddev	.00013	.00026	.55	.00045	.00036	.0375	.00022	.00712
%RSD	4.9229	51.492	.54905	6.4076	.21983	.50123	29.054	12.959

#1	.00275	.00025	101.34	.00660	.16261	7.5196	.00051	.05471
#2	.00262	.00051	100.25	.00748	.16191	7.4752	.00089	.06213
#3	.00249	.00077	100.96	.00722	.16240	7.4451	.00089	.04790

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1867	3.0471	-.00739	.01671	-.00246	.5820	.12208	3.2663
Stddev	.0338	.0136	.00058	.00094	.00170	.0047	.00022	.0984
%RSD	.80637	.44575	7.8345	5.6021	69.239	.7998	.18019	3.0114

#1	4.2170	3.0351	-.00792	.01593	-.00135	.5863	.12226	3.3792
#2	4.1503	3.0443	-.00677	.01775	-.00161	.5771	.12214	3.1993
#3	4.1928	3.0618	-.00747	.01646	-.00442	.5826	.12183	3.2204

Sample Name: K2597-02DUP Acquired: 5/3/2019 14:04:17 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OB-722DUP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.5211
 Stddev .7291
 %RSD 47.930

#1 1.2891
 #2 2.3380
 #3 .93631

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4080.5	52484.	5932.5	90.032	4389.1
Stddev	6.1	201.	13.7	1.401	2.4
%RSD	.14913	.38230	.23130	1.5564	.05511

#1	4082.1	52282.	5944.9	89.082	4390.0
#2	4073.8	52683.	5934.9	91.642	4386.3
#3	4085.6	52486.	5917.8	89.374	4390.8

Sample Name: K2597-02LX5 Acquired: 5/3/2019 14:08:38 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00054	-.00047	-.00040	-.00030	.00198	.09147	.00689	-.00010
Stddev	.00008	.00013	.00051	.00087	.00170	.00376	.00062	.00004
%RSD	14.950	28.474	126.35	292.75	85.868	4.1128	9.0015	43.937

#1	.00053	-.00062	-.00035	-.00122	.00018	.09170	.00626	-.00005
#2	.00047	-.00043	-.00093	-.00019	.00355	.09511	.00750	-.00011
#3	.00063	-.00036	.00008	.00051	.00220	.08759	.00693	-.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	5.3659	.00057	-.00011	.00977	.30061	.01259	.70374
Stddev	.00003	.0614	.00025	.00012	.00018	.00058	.00010	.02333
%RSD	16.084	1.1448	43.971	103.83	1.8808	.19429	.79866	3.3147

#1	-.00016	5.3015	.00045	-.00017	.00975	.30091	.01254	.68575
#2	-.00019	5.4239	.00041	.00002	.00997	.30098	.01271	.69538
#3	-.00023	5.3722	.00086	-.00019	.00960	.29993	.01253	.73010

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00045	.00035	21.343	.00145	.03302	1.4377	-.00021	.00130
Stddev	.00028	.00079	.096	.00033	.00031	.0087	.00006	.00309
%RSD	61.940	225.87	.44926	22.433	.93825	.60579	28.080	238.75

#1	.00041	.00058	21.349	.00176	.03338	1.4348	-.00016	.00477
#2	.00075	.00100	21.244	.00111	.03281	1.4309	-.00028	.00030
#3	.00020	-.00053	21.435	.00150	.03287	1.4475	-.00020	-.00117

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.85813	.66542	-.00573	.00420	-.00295	.1200	.02636	3.2091
Stddev	.00243	.00390	.00073	.00208	.00138	.0017	.00035	.1714
%RSD	.28284	.58678	12.738	49.504	46.742	1.427	1.3241	5.3422

#1	.85771	.66106	-.00557	.00434	-.00386	.1220	.02597	3.2587
#2	.86074	.66662	-.00510	.00205	-.00137	.1191	.02663	3.3502
#3	.85594	.66858	-.00653	.00620	-.00363	.1189	.02649	3.0183

Sample Name: K2597-02LX5 Acquired: 5/3/2019 14:08:38 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.59234
%RSD	711.39

#1	-.12292
#2	.52791
#3	-.65478

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4086.1	52398.	5826.0	89.937	4526.8
Stddev	6.0	183.	36.0	1.727	10.0
%RSD	.14770	.35013	.61779	1.9202	.22132

#1	4082.3	52200.	5865.5	91.344	4516.9
#2	4083.0	52562.	5795.1	88.010	4526.6
#3	4093.1	52431.	5817.3	90.458	4536.9

Sample Name: CCV03 Acquired: 5/3/2019 14:13:05 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9262	4.9034	4.9487	4.9361	4.9553	9.6853	9.7823	.25041
Stddev	.0103	.0167	.0075	.0292	.0077	.0650	.0842	.00041
%RSD	.20816	.34036	.15187	.59084	.15562	.67070	.86104	.16369
#1	4.9372	4.9227	4.9482	4.9608	4.9641	9.7310	9.7892	.24996
#2	4.9243	4.8941	4.9415	4.9437	4.9517	9.7140	9.8629	.25077
#3	4.9169	4.8934	4.9565	4.9039	4.9500	9.6110	9.6949	.25049
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4749	25.358	1.0011	2.4755	1.2545	5.0079	2.5426	24.651
Stddev	.0043	.075	.0002	.0027	.0014	.0034	.0035	.044
%RSD	.17171	.29544	.02435	.10837	.11042	.06809	.13745	.17839
#1	2.4753	25.337	1.0014	2.4774	1.2549	5.0101	2.5388	24.671
#2	2.4705	25.296	1.0009	2.4725	1.2530	5.0039	2.5434	24.682
#3	2.4790	25.441	1.0011	2.4767	1.2557	5.0096	2.5457	24.601
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4842	1.2350	24.688	2.5091	2.4653	24.291	4.9927	4.9143
Stddev	.0051	.0012	.057	.0035	.0042	.075	.0070	.0232
%RSD	.20523	.09604	.22972	.14024	.17093	.30701	.14112	.47176
#1	2.4835	1.2363	24.722	2.5088	2.4675	24.363	4.9982	4.9403
#2	2.4795	1.2339	24.720	2.5058	2.4605	24.214	4.9848	4.9066
#3	2.4896	1.2350	24.623	2.5128	2.4680	24.296	4.9952	4.8959
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7991	5.0403	4.9455	5.0252	4.9455	4.877	5.0570	F 4.1371
Stddev	.0235	.0309	.0067	.0041	.0172	.019	.0224	.1047
%RSD	.49016	.61254	.13653	.08182	.34862	.3867	.44311	2.5304
#1	4.8260	5.0333	4.9480	5.0205	4.9267	4.899	5.0426	4.0171
#2	4.7827	5.0135	4.9378	5.0275	4.9491	4.868	5.0456	4.1842
#3	4.7886	5.0740	4.9506	5.0277	4.9606	4.865	5.0828	4.2099

Sample Name: CCV03 Acquired: 5/3/2019 14:13:05 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.6045
Stddev .1130
%RSD 7.0437

#1 1.4762
#2 1.6481
#3 1.6892

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3978.6	50795.	5738.8	84.797	4162.7
Stddev	8.8	87.	30.8	.468	10.7
%RSD	.22110	.17165	.53695	.55209	.25793

#1	3970.8	50757.	5764.1	84.841	4156.3
#2	3988.1	50734.	5747.9	84.308	4175.1
#3	3976.9	50895.	5704.5	85.241	4156.7

Sample Name: CCB03 Acquired: 5/3/2019 14:17:12 Type: Unk
Method: P4-ICP2(v3092) 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	.00000	.00000	-.00098	.00346	.00001	-.00350	.00001
Stddev	.00244	.00029	.00076	.00053	.00068	.00766	.00018
%RSD	105860.	55619.	77.778	15.282	5945.6	218.72	1444.1

#1	.00087	-.00016	-.00022	.00332	.00064	-.00029	-.00014
#2	-.00276	-.00017	-.00098	.00404	.00010	.00203	-.00004
#3	.00189	.00034	-.00173	.00301	-.00071	-.01224	.00021

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.00016	.00702	-.00015	-.00033	-.00008	-.00123
Stddev	.00007	.00002	.00888	.00015	.00016	.00021	.00024
%RSD	77.203	11.179	126.55	96.903	49.353	262.33	19.807

#1	-.00004	-.00018	.01501	.00001	-.00019	-.00008	-.00104
#2	-.00018	-.00017	.00858	-.00018	-.00050	.00013	-.00151
#3	-.00007	-.00014	-.00254	-.00029	-.00029	-.00029	-.00115

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.01520	-.00023	.00050	-.06673	.00028	-.00296
Stddev	.00001	.05066	.00015	.00038	.00372	.00021	.00006
%RSD	33.608	333.23	66.496	76.002	5.5736	76.776	1.9740

#1	-.00003	-.07065	-.00041	.00051	-.06338	.00030	-.00302
#2	-.00002	.02868	-.00011	.00087	-.07073	.00048	-.00296
#3	-.00002	-.00365	-.00018	.00011	-.06607	.00006	-.00290

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.18445	-.00028	-.00780	-.00422	.00505	-.00367	.00238
Stddev	.03265	.00034	.00140	.00066	.00301	.00023	.00092
%RSD	17.702	121.56	17.922	15.609	59.618	6.3105	38.757

#1	-.16595	-.00031	-.00921	-.00497	.00403	-.00344	.00203
#2	-.22215	.00008	-.00641	-.00390	.00268	-.00390	.00169
#3	-.16525	-.00060	-.00779	-.00378	.00843	-.00367	.00343

Sample Name: CCB03 Acquired: 5/3/2019 14:17:12 Type: Unk
 Method: P4-ICP2(v3092) 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	-.00389	.0006	-.00015	F 2.5833	F<.00000
Stddev	.00203	.0002	.00007	.0952	.74070
%RSD	52.283	44.26	44.439	3.6869	96.804
#1	-.00404	.0008	-.00009	2.6664	.06476
#2	-.00178	.0004	-.00014	2.6041	-1.3592
#3	-.00584	.0004	-.00023	2.4793	-1.0010
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4140.7	53134.	5761.6	89.303	4662.3
Stddev	3.6	97.	29.4	.248	10.2
%RSD	.08765	.18342	.51058	.27750	.21867
#1	4136.6	53097.	5737.6	89.450	4657.8
#2	4143.4	53060.	5752.7	89.017	4655.1
#3	4142.2	53244.	5794.4	89.442	4674.0

Sample Name: LR CHECK 1 Acquired: 5/3/2019 14:21:59 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01762	-.00850	-.05933	-.10740	.06406	2120.2	.00608	.01635
Stddev	.00591	.00767	.00397	.01017	.01035	13.6	.00068	.00034
%RSD	33.512	90.253	6.6858	9.4740	16.163	.64365	11.229	2.1014

#1	.01312	-.00681	-.05599	-.10036	.05777	2106.9	.00673	.01618
#2	.01543	-.01688	-.06371	-.11906	.07602	2119.6	.00537	.01675
#3	.02431	-.00182	-.05828	-.10277	.05841	2134.2	.00614	.01613

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00081	1879.7	-.09474	.04772	.51256	837.12	-.00912	1838.3
Stddev	.00020	10.3	.00038	.00015	.00308	2.06	.00013	3.1
%RSD	24.382	.54956	.39624	.31624	.60017	.24626	1.4289	.16971

#1	.00075	1872.1	-.09488	.04778	.51099	838.57	-.00897	1841.2
#2	.00102	1891.5	-.09503	.04783	.51058	838.04	-.00921	1835.0
#3	.00064	1875.5	-.09432	.04755	.51610	834.76	-.00918	1838.7

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07583	-.11863	1649.5	.00685	-.00080	1061.3	-.02916	.26622
Stddev	.00116	.00087	17.4	.00074	.00072	8.4	.00238	.03759
%RSD	1.5259	.73434	1.0529	10.849	89.686	.78747	8.1575	14.121

#1	-.07474	-.11875	1666.7	.00730	-.00119	1070.6	-.02967	.25878
#2	-.07704	-.11943	1649.9	.00599	-.00125	1058.6	-.02657	.30698
#3	-.07570	-.11770	1632.0	.00726	.00003	1054.6	-.03125	.23290

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32734	-.00362	.03577	-.05669	.13556	.1083	-.90497	4.9700
Stddev	.00386	.00321	.00367	.00132	.00313	.0060	.00233	.0328
%RSD	1.1778	88.655	10.269	2.3203	2.3110	5.502	.25693	.66083

#1	.32412	-.00179	.03307	-.05820	.13884	.1082	-.90661	4.9428
#2	.33161	-.00733	.03429	-.05581	.13523	.1143	-.90598	5.0065
#3	.32629	-.00175	.03996	-.05605	.13260	.1024	-.90231	4.9608

Sample Name: LR CHECK 1 Acquired: 5/3/2019 14:21:59 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev 3.1069
 %RSD .76127

#1 -411.63
 #2 -406.98
 #3 -405.73

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2817.8	35440.	4967.0	67.139	2501.8
Stddev	6.7	31.	21.4	1.539	7.1
%RSD	.23677	.08668	.43049	2.2919	.28431

#1	2816.6	35405.	4987.9	68.395	2502.2
#2	2811.7	35458.	4945.2	67.601	2494.5
#3	2824.9	35457.	4968.0	65.423	2508.7

Sample Name: LR CHECK 2 Acquired: 5/3/2019 14:27:02 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00301	-.01764	227.85	.03974	-.04365	-.22114	105.95	-.00147
Stddev	.00215	.00092	.39	.00292	.00163	.00896	.29	.00002
%RSD	71.350	5.1892	.17060	7.3414	3.7351	4.0529	.27214	1.4289

#1	.00422	-.01674	228.16	.04058	-.04387	-.22300	106.02	-.00146
#2	.00053	-.01857	227.97	.04215	-.04517	-.22903	106.20	-.00149
#3	.00429	-.01762	227.41	.03649	-.04193	-.21139	105.63	-.00146

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01171	.27288	-.12504	-.00480	253.49	-.73540	41.965	-.02096
Stddev	.00016	.00992	.00058	.00027	2.41	.00164	.092	.03348
%RSD	1.3474	3.6348	.46482	5.5515	.94945	.22349	.21955	159.70

#1	-.01186	.26457	-.12527	-.00449	255.89	-.73638	41.925	-.05212
#2	-.01155	.27022	-.12547	-.00495	253.51	-.73632	42.070	-.02519
#3	-.01173	.28386	-.12438	-.00495	251.07	-.73350	41.900	.01443

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.349	.00523	.69988	-.17664	33.377	.90167	-.01574	-.00518
Stddev	.107	.00046	.06145	.00064	.436	.12013	.00029	.01777
%RSD	.21606	8.7757	8.7805	.36153	1.3073	13.323	1.8381	343.20

#1	49.437	.00470	.76296	-.17723	33.685	1.0254	-.01547	-.01031
#2	49.380	.00546	.69649	-.17596	32.877	.89418	-.01569	.01459
#3	49.231	.00553	.64019	-.17673	33.568	.78546	-.01605	-.01981

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10334	.00854	-.00584	.01992	-.00509	.1940	.00228	3.0616
Stddev	.00310	.00066	.00022	.00121	.00136	.0046	.00008	.0397
%RSD	2.9968	7.7554	3.7281	6.0586	26.705	2.374	3.6380	1.2954

#1	.10459	.00863	-.00576	.01887	-.00357	.1983	.00221	3.0453
#2	.10561	.00916	-.00567	.01965	-.00619	.1945	.00227	3.1068
#3	.09981	.00784	-.00608	.02124	-.00552	.1891	.00237	3.0327

Sample Name: LR CHECK 2 Acquired: 5/3/2019 14:27:02 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .35857
 %RSD 29.010

#1 -.91186
 #2 -1.6212
 #3 -1.1750

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3298.1	54071.	5835.2	88.261	4389.7
Stddev	4.4	164.	15.2	1.646	8.8
%RSD	.13338	.30286	.26009	1.8648	.20015

#1	3295.2	54059.	5834.6	89.717	4385.3
#2	3295.9	53913.	5820.3	86.475	4383.9
#3	3303.1	54240.	5850.7	88.592	4399.8

Sample Name: K2627-01 Acquired: 5/3/2019 14:34:52 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WC-1 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05329	-.00000	.35120	.01996	.00306	84.246	.34519
Stddev	.00450	.00087	.00311	.00108	.00166	.116	.00095
%RSD	8.4409	41144.	.88652	5.3892	54.359	.13777	.27406

#1	.05758	-.00045	.35460	.02088	.00475	84.218	.34412
#2	.04861	.00100	.35052	.02022	.00300	84.373	.34552
#3	.05367	-.00056	.34849	.01878	.00143	84.146	.34592

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00483	-.00633	77.089	.22554	.04857	.43805	164.18
Stddev	.00028	.00013	.230	.00017	.00018	.00105	1.31
%RSD	5.7233	2.0148	.29812	.07622	.36319	.23886	.79543

#1	.00492	-.00638	77.017	.22559	.04853	.43906	164.55
#2	.00504	-.00643	76.904	.22569	.04876	.43697	165.25
#3	.00452	-.00619	77.346	.22535	.04842	.43813	162.72

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8915	30.858	.07976	-.01298	4.1136	.46194	.47647
Stddev	.0047	.154	.00042	.00022	.0285	.00129	.00015
%RSD	.24686	.49916	.52461	1.6750	.69307	.27877	.03206

#1	1.8869	30.935	.07929	-.01278	4.1210	.46053	.47655
#2	1.8914	30.958	.07989	-.01321	4.1376	.46307	.47630
#3	1.8962	30.681	.08009	-.01295	4.0821	.46221	.47657

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0816	.00505	.26608	5.3330	1.5973	.00682	1.6151
Stddev	.0339	.00021	.00446	.0064	.0052	.00078	.0059
%RSD	.47854	4.1681	1.6773	.12033	.32319	11.418	.36250

#1	7.0638	.00522	.26899	5.3282	1.5992	.00743	1.6118
#2	7.0603	.00512	.26831	5.3304	1.5915	.00594	1.6117
#3	7.1207	.00482	.26094	5.3403	1.6012	.00708	1.6219

Sample Name: K2627-01 Acquired: 5/3/2019 14:34:52 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WC-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06901	3.897	.09316	2.2148	F<.00000
Stddev	.00140	.008	.00292	.2993	1.4103
%RSD	2.0216	.2156	3.1346	13.515	1.9877
#1	.07060	3.907	.09196	2.1318	-69.370
#2	.06797	3.891	.09103	1.9658	-72.082
#3	.06847	3.893	.09649	2.5469	-71.399
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4163.0	53176.	6027.3	84.909	4190.2
Stddev	6.4	231.	9.2	.789	10.7
%RSD	.15280	.43424	.15346	.92939	.25487
#1	4161.7	53070.	6020.0	85.585	4190.5
#2	4157.4	53018.	6037.7	84.042	4179.4
#3	4169.9	53441.	6024.2	85.100	4200.7

Sample Name: K2627-01DUP Acquired: 5/3/2019 14:39:20 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-1DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05691	.00186	.34205	.01914	.00301	84.398	.35358
Stddev	.00287	.00051	.00622	.00031	.00244	.408	.00295
%RSD	5.0362	27.256	1.8185	1.5956	80.860	.48329	.83397

#1	.05852	.00245	.34912	.01889	.00575	84.031	.35121
#2	.05360	.00152	.33742	.01948	.00222	84.837	.35688
#3	.05861	.00162	.33960	.01905	.00108	84.328	.35264

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00473	-.00566	76.628	.22218	.04935	.43919	162.70
Stddev	.00015	.00029	.210	.00043	.00062	.00709	.47
%RSD	3.1468	5.0404	.27447	.19545	1.2577	1.6143	.29051

#1	.00486	-.00533	76.774	.22268	.05005	.44733	162.16
#2	.00457	-.00576	76.387	.22198	.04886	.43583	162.92
#3	.00476	-.00588	76.723	.22188	.04914	.43440	163.03

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8993	31.173	.07976	-.01239	4.1136	.45483	.48352
Stddev	.0040	.281	.00076	.00031	.0370	.00135	.00686
%RSD	.20837	.90222	.95723	2.4868	.89977	.29718	1.4179

#1	1.8986	31.000	.08064	-.01236	4.0822	.45427	.49138
#2	1.8957	31.497	.07926	-.01272	4.1544	.45385	.47876
#3	1.9036	31.022	.07937	-.01210	4.1043	.45638	.48043

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.2428	.00481	.25118	5.4733	1.5497	.00672	1.6074
Stddev	.0526	.00039	.00272	.0509	.0266	.00085	.0080
%RSD	.72685	8.1126	1.0835	.92976	1.7189	12.664	.49703

#1	7.1875	.00516	.24808	5.5226	1.5726	.00753	1.6006
#2	7.2923	.00439	.25316	5.4210	1.5205	.00583	1.6053
#3	7.2487	.00488	.25231	5.4764	1.5560	.00682	1.6162

Sample Name: K2627-01DUP Acquired: 5/3/2019 14:39:20 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WC-1DUP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06668	3.956	.09293	2.3550	F<.00000
Stddev	.00046	.042	.00083	.1079	1.3081
%RSD	.68990	1.052	.89696	4.5816	1.7446
#1	.06700	3.998	.09332	2.2844	-76.210
#2	.06616	3.915	.09197	2.3014	-75.127
#3	.06690	3.956	.09349	2.4792	-73.606
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4205.2	54992.	6368.3	89.054	4231.0
Stddev	53.2	81.	60.3	1.548	53.5
%RSD	1.2640	.14677	.94748	1.7385	1.2653
#1	4144.0	54941.	6333.4	88.387	4170.4
#2	4239.2	55085.	6437.9	90.824	4272.1
#3	4232.5	54950.	6333.5	87.952	4250.4

Sample Name: K2627-01LX5 Acquired: 5/3/2019 14:43:46 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8180 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01298	.00105	.07973	.00734	.00028	17.403	.07407
Stddev	.00206	.00165	.00189	.00324	.00140	.046	.00052
%RSD	15.900	156.40	2.3675	44.115	494.82	.26526	.70850

#1	.01086	.00154	.08137	.00453	.00165	17.371	.07431
#2	.01499	-.00078	.08014	.00660	.00036	17.456	.07443
#3	.01309	.00240	.07767	.01088	-.00116	17.383	.07346

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00082	-.00199	16.610	.04699	.00971	.09523	38.462
Stddev	.00006	.00003	.040	.00021	.00025	.00056	.056
%RSD	7.4588	1.4170	.24281	.44267	2.5845	.58749	.14540

#1	.00089	-.00199	16.570	.04689	.00971	.09544	38.513
#2	.00079	-.00197	16.609	.04723	.00945	.09566	38.470
#3	.00077	-.00202	16.651	.04686	.00996	.09460	38.402

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41000	6.4983	.01619	-.00217	.86858	.09678	.09622
Stddev	.00088	.0669	.00029	.00012	.01477	.00075	.00060
%RSD	.21511	1.0294	1.7877	5.3508	1.7009	.77137	.62336

#1	.41049	6.4497	.01634	-.00204	.86321	.09713	.09691
#2	.41054	6.5746	.01637	-.00219	.88529	.09729	.09596
#3	.40899	6.4705	.01586	-.00227	.85724	.09592	.09579

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4225	.00046	.05319	1.0689	.34087	-.00320	.34322
Stddev	.0164	.00015	.01435	.0039	.00621	.00022	.00063
%RSD	1.1550	32.947	26.969	.36217	1.8220	6.8239	.18361

#1	1.4264	.00059	.03988	1.0722	.34563	-.00309	.34309
#2	1.4366	.00050	.06839	1.0646	.33384	-.00307	.34266
#3	1.4045	.00029	.05132	1.0697	.34313	-.00346	.34391

Sample Name: K2627-01LX5 Acquired: 5/3/2019 14:43:46 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8180 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01116	.7793	.01580	3.5599	F<.00000
Stddev	.00148	.0063	.00054	.0531	.77714
%RSD	13.264	.8035	3.4057	1.4927	7.7000

#1	.01156	.7862	.01542	3.5946	-10.461
#2	.00952	.7740	.01557	3.4987	-9.1998
#3	.01240	.7778	.01642	3.5865	-10.617

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4210.9	54420.	6126.5	92.011	4535.8
Stddev	12.4	158.	32.2	1.711	12.6
%RSD	.29542	.29001	.52593	1.8597	.27729

#1	4201.2	54409.	6119.9	92.275	4526.0
#2	4206.7	54269.	6161.5	90.183	4531.5
#3	4225.0	54584.	6098.1	93.575	4550.0

Sample Name: K2627-01MS Acquired: 5/3/2019 14:48:04 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-1MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75828	1.9601	1.3262	1.8220	.17540	106.23	.64318
Stddev	.00415	.0007	.0006	.0084	.00016	.65	.00473
%RSD	.54788	.03607	.04587	.45869	.09047	.61478	.73525

#1	.75402	1.9609	1.3255	1.8145	.17522	105.48	.63809
#2	.76232	1.9600	1.3267	1.8206	.17547	106.64	.64744
#3	.75851	1.9595	1.3263	1.8310	.17551	106.57	.64401

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19754	.19046	76.220	.59222	.25340	2.1149	171.96
Stddev	.00048	.00095	.350	.00176	.00041	.0027	.19
%RSD	.24069	.49974	.45867	.29657	.15997	.12808	.11208

#1	.19748	.19127	76.309	.59380	.25294	2.1122	171.78
#2	.19709	.19069	76.517	.59253	.25356	2.1147	172.16
#3	.19803	.18941	75.835	.59033	.25370	2.1176	171.95

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2443	33.822	.59510	.05602	9.1526	.74189	.71885
Stddev	.0027	.305	.00109	.00083	.0693	.00064	.00067
%RSD	.12088	.90170	.18308	1.4879	.75679	.08571	.09357

#1	2.2467	33.670	.59506	.05676	9.0925	.74180	.71954
#2	2.2414	34.173	.59621	.05512	9.2284	.74131	.71882
#3	2.2447	33.623	.59404	.05617	9.1371	.74257	.71820

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.444	.35378	.51037	6.0977	2.3867	.63044	2.0089
Stddev	.119	.00154	.00855	.0365	.0239	.00078	.0020
%RSD	.64555	.43505	1.6753	.59845	.99940	.12365	.10086

#1	18.316	.35436	.51374	6.0585	2.4115	.62954	2.0066
#2	18.550	.35203	.50064	6.1041	2.3639	.63091	2.0097
#3	18.468	.35494	.51671	6.1306	2.3847	.63087	2.0104

Sample Name: K2627-01MS Acquired: 5/3/2019 14:48:04 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WC-1MS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.27927	8.996	.32061	2.4805	F<.00000
Stddev	.00306	.017	.00148	.1334	.55562
%RSD	1.0953	.1850	.46096	5.3796	.68565

#1	.27853	8.992	.32215	2.6298	-81.073
#2	.27665	8.981	.32048	2.4387	-80.462
#3	.28263	9.014	.31920	2.3729	-81.572

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4185.8	53998.	6207.3	88.699	4191.9
Stddev	3.4	15.	44.5	2.222	7.2
%RSD	.08101	.02848	.71636	2.5050	.17190

#1	4189.5	54016.	6156.2	86.332	4193.5
#2	4182.9	53988.	6237.7	90.740	4184.0
#3	4185.1	53991.	6227.9	89.024	4198.2

Sample Name: K2627-01MSD Acquired: 5/3/2019 14:52:22 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-1MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75880	1.9646	1.3255	1.8144	.17354	105.94	.64208
Stddev	.00573	.0133	.0033	.0103	.00037	.32	.00230
%RSD	.75565	.67767	.24649	.56763	.21454	.30637	.35873
#1	.76036	1.9563	1.3226	1.8044	.17346	105.58	.63968
#2	.76359	1.9799	1.3291	1.8250	.17394	106.21	.64228
#3	.75245	1.9575	1.3249	1.8138	.17321	106.04	.64427
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19783	.19016	75.562	.59083	.25337	2.2637	170.39
Stddev	.00026	.00021	.369	.00133	.00046	.0066	.31
%RSD	.13243	.10946	.48778	.22505	.18317	.29214	.18295
#1	.19773	.19040	75.461	.59074	.25363	2.2705	170.34
#2	.19813	.19005	75.254	.58954	.25364	2.2632	170.73
#3	.19764	.19003	75.970	.59220	.25283	2.2574	170.11
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2233	33.727	.59646	.05575	9.2829	.74023	.71572
Stddev	.0009	.053	.00029	.00026	.0173	.00110	.00063
%RSD	.04248	.15598	.04944	.46769	.18605	.14875	.08808
#1	2.2241	33.698	.59614	.05599	9.2674	.74010	.71629
#2	2.2222	33.788	.59672	.05548	9.3015	.73920	.71582
#3	2.2235	33.696	.59651	.05579	9.2799	.74139	.71504
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.378	.35348	.52199	6.2042	2.4479	.63060	1.9949
Stddev	.159	.00132	.02209	.0523	.0144	.00291	.0048
%RSD	.86733	.37293	4.2326	.84251	.58954	.46180	.24250
#1	18.242	.35290	.50419	6.1640	2.4631	.63156	1.9908
#2	18.339	.35499	.51506	6.2633	2.4460	.63291	1.9936
#3	18.554	.35255	.54671	6.1854	2.4345	.62733	2.0003

Sample Name: K2627-01MSD Acquired: 5/3/2019 14:52:22 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-1MSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.27995	9.039	.32353	2.3633	F<.00000
Stddev	.00153	.051	.00123	.1528	.19951
%RSD	.54804	.5625	.37917	6.4654	.24398
#1	.28154	9.012	.32424	2.4866	-81.686
#2	.27984	9.098	.32211	2.1923	-81.630
#3	.27848	9.009	.32423	2.4109	-82.000
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4196.8	54223.	6200.9	86.016	4202.4
Stddev	17.5	89.	36.3	1.194	9.1
%RSD	.41714	.16356	.58488	1.3880	.21707
#1	4183.1	54121.	6160.0	84.930	4194.0
#2	4190.8	54264.	6229.1	85.824	4201.0
#3	4216.5	54284.	6213.6	87.294	4212.1

Sample Name: K2627-01A Acquired: 5/3/2019 14:56:39 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8180 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75473	1.9578	1.3199	1.8147	.17303	106.45	.64564
Stddev	.00470	.0035	.0033	.0060	.00390	.20	.00200
%RSD	.62317	.17813	.25089	.33039	2.2532	.18405	.30951

#1	.75685	1.9577	1.3161	1.8156	.17115	106.63	.64494
#2	.75799	1.9613	1.3215	1.8083	.17042	106.24	.64790
#3	.74934	1.9544	1.3220	1.8202	.17751	106.48	.64409

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19698	.19026	75.755	.59184	.25260	2.2771	171.96
Stddev	.00091	.00116	.276	.00139	.00123	.0008	1.42
%RSD	.46094	.61150	.36463	.23564	.48880	.03753	.82303

#1	.19704	.18952	75.625	.59156	.25176	2.2780	172.97
#2	.19605	.18967	76.072	.59061	.25202	2.2762	170.34
#3	.19786	.19160	75.567	.59336	.25402	2.2771	172.57

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2254	33.866	.59352	.05586	9.3604	.74021	.71725
Stddev	.0072	.147	.00371	.00012	.0244	.00204	.00111
%RSD	.32210	.43444	.62442	.22330	.26069	.27559	.15438

#1	2.2190	34.015	.59008	.05573	9.3770	.73786	.71613
#2	2.2241	33.721	.59304	.05598	9.3718	.74154	.71727
#3	2.2331	33.861	.59745	.05586	9.3324	.74124	.71834

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.484	.35219	.51352	6.2233	2.4296	.62887	1.9972
Stddev	.057	.00112	.00827	.0099	.0092	.00281	.0139
%RSD	.30933	.31809	1.6105	.15884	.37777	.44644	.69632

#1	18.547	.35268	.52220	6.2149	2.4402	.62589	1.9813
#2	18.435	.35091	.51264	6.2342	2.4244	.62923	2.0036
#3	18.469	.35298	.50573	6.2208	2.4241	.63147	2.0068

Sample Name: K2627-01A Acquired: 5/3/2019 14:56:39 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8180 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.27962	9.032	.32074	2.5214	F<.00000
Stddev	.00217	.022	.00240	.2712	.95945
%RSD	.77545	.2479	.74967	10.755	1.1827
#1	.28204	9.007	.31916	2.2133	-81.825
#2	.27897	9.050	.32351	2.6271	-81.523
#3	.27785	9.039	.31955	2.7239	-80.033
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4192.9	53982.	6219.8	87.934	4192.0
Stddev	7.0	165.	17.7	.808	2.3
%RSD	.16626	.30524	.28467	.91833	.05404
#1	4185.0	53936.	6234.2	88.864	4191.0
#2	4198.3	54165.	6225.1	87.419	4194.6
#3	4195.3	53846.	6200.0	87.518	4190.4

Sample Name: K2635-01 Acquired: 5/3/2019 15:00:57 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-05-050219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09246	.00365	.34892	.02007	.00403	104.42	.42307
Stddev	.00334	.00028	.00283	.00073	.00110	.12	.00192
%RSD	3.6109	7.6249	.81108	3.6330	27.167	.11154	.45472

#1	.09419	.00386	.34669	.02029	.00503	104.32	.42135
#2	.08861	.00376	.35211	.02066	.00286	104.54	.42514
#3	.09458	.00334	.34798	.01926	.00421	104.39	.42271

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00750	-.00697	108.40	.24319	.03731	.18278	186.57
Stddev	.00005	.00008	.26	.00096	.00005	.00029	.20
%RSD	.69186	1.1363	.23598	.39506	.12575	.16048	.10808

#1	.00746	-.00698	108.66	.24249	.03732	.18256	186.44
#2	.00749	-.00688	108.14	.24278	.03725	.18267	186.48
#3	.00756	-.00704	108.40	.24428	.03734	.18311	186.81

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2194	29.329	.05769	-.01592	8.1411	.36098	.55792
Stddev	.0006	.274	.00044	.00036	.0466	.00154	.00064
%RSD	.04714	.93508	.75569	2.2841	.57239	.42721	.11514

#1	1.2187	29.025	.05818	-.01599	8.1178	.35931	.55730
#2	1.2197	29.558	.05733	-.01625	8.1947	.36128	.55858
#3	1.2198	29.404	.05758	-.01553	8.1107	.36234	.55787

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.128	.00537	.20619	4.3921	4.5429	.01376	.93073
Stddev	.116	.00023	.00924	.0196	.0482	.00070	.00158
%RSD	.71728	4.3699	4.4821	.44534	1.0609	5.0547	.16954

#1	16.042	.00527	.19554	4.3949	4.5972	.01397	.93202
#2	16.260	.00564	.21206	4.3712	4.5263	.01299	.92897
#3	16.083	.00520	.21096	4.4100	4.5051	.01433	.93120

Sample Name: K2635-01 Acquired: 5/3/2019 15:00:57 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-05-050219 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08452	4.359	.31419	1.9485	F<.00000
Stddev	.00211	.025	.00278	.0988	.90260
%RSD	2.4942	.5619	.88395	5.0728	1.0174
#1	.08223	4.352	.31739	1.9860	-89.358
#2	.08638	4.339	.31267	1.8364	-87.687
#3	.08495	4.386	.31250	2.0232	-89.114
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4264.6	54748.	6443.4	90.195	4215.1
Stddev	5.9	40.	54.7	.639	8.0
%RSD	.13777	.07256	.84847	.70829	.19056
#1	4269.0	54726.	6394.8	90.342	4221.1
#2	4257.9	54794.	6502.6	89.496	4206.0
#3	4266.8	54725.	6432.9	90.748	4218.2

Sample Name: K2635-03 Acquired: 5/3/2019 15:05:26 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-05-050219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10507	.00397	.23207	.01726	.00478	104.34	.51274
Stddev	.00184	.00130	.00091	.00512	.00122	.57	.00349
%RSD	1.7520	32.643	.39179	29.686	25.547	.54792	.68125

#1	.10500	.00546	.23221	.01866	.00455	103.79	.50875
#2	.10694	.00326	.23291	.01158	.00370	104.31	.51524
#3	.10326	.00318	.23110	.02153	.00611	104.93	.51423

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01380	-.00671	278.07	.39221	.04222	.17061	274.44
Stddev	.00017	.00027	.86	.00071	.00022	.00158	.44
%RSD	1.2487	4.0222	.31037	.18209	.52141	.92688	.15956

#1	.01381	-.00686	277.26	.39286	.04197	.16879	274.44
#2	.01362	-.00688	277.97	.39234	.04240	.17167	274.88
#3	.01396	-.00640	278.98	.39144	.04228	.17137	274.00

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8080	84.649	.04218	-.02860	5.2797	.38246	.81116
Stddev	.0003	.379	.00058	.00076	.0175	.00108	.00159
%RSD	.01867	.44728	1.3850	2.6513	.33229	.28333	.19558

#1	1.8084	84.234	.04203	-.02854	5.2607	.38350	.81107
#2	1.8078	84.740	.04168	-.02787	5.2829	.38133	.80963
#3	1.8078	84.975	.04282	-.02938	5.2954	.38256	.81280

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.075	.00314	.29659	8.7503	4.0431	.00922	.97862
Stddev	.148	.00050	.01040	.0159	.0193	.00024	.00245
%RSD	.59046	16.062	3.5060	.18215	.47745	2.5659	.25066

#1	24.915	.00285	.28796	8.7521	4.0653	.00895	.98016
#2	25.105	.00284	.29368	8.7652	4.0311	.00932	.97579
#3	25.206	.00372	.30814	8.7335	4.0328	.00939	.97991

Sample Name: K2635-03 Acquired: 5/3/2019 15:05:26 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-05-050219 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07675	8.258	.74231	1.1806	F<.00000
Stddev	.00115	.024	.00336	.1190	.57082
%RSD	1.5011	.2844	.45210	10.078	.38624

#1	.07552	8.249	.74076	1.0455	-147.14
#2	.07781	8.285	.74000	1.2697	-148.21
#3	.07692	8.241	.74616	1.2267	-148.02

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4166.0	53490.	6411.5	84.794	3947.0
Stddev	3.2	101.	28.7	1.611	6.2
%RSD	.07768	.18959	.44709	1.8995	.15826

#1	4162.5	53390.	6379.7	83.184	3941.2
#2	4166.6	53592.	6435.4	84.795	3953.6
#3	4168.9	53489.	6419.3	86.405	3946.1

Sample Name: CCV04 Acquired: 5/3/2019 15:09:52 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9523	4.9608	4.9813	4.9802	4.9873	9.8116	9.9452	.25082
Stddev	.0113	.0120	.0079	.0089	.0092	.0755	.0767	.00059
%RSD	.22879	.24270	.15863	.17947	.18492	.76985	.77129	.23389
#1	4.9654	4.9578	4.9748	4.9736	4.9976	9.7535	9.9362	.25148
#2	4.9462	4.9505	4.9791	4.9904	4.9799	9.7842	9.8733	.25036
#3	4.9454	4.9740	4.9901	4.9765	4.9843	9.8970	10.026	.25063
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4874	25.538	1.0063	2.4798	1.2607	5.0298	2.5475	25.034
Stddev	.0029	.058	.0032	.0043	.0025	.0042	.0036	.205
%RSD	.11524	.22611	.31323	.17346	.19542	.08360	.13939	.81745
#1	2.4887	25.494	1.0062	2.4799	1.2634	5.0266	2.5478	24.828
#2	2.4841	25.517	1.0032	2.4754	1.2585	5.0283	2.5437	25.037
#3	2.4893	25.603	1.0095	2.4840	1.2603	5.0346	2.5508	25.237
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5002	1.2389	24.951	2.5298	2.4655	24.723	4.9918	4.9582
Stddev	.0021	.0026	.081	.0016	.0026	.086	.0031	.0142
%RSD	.08474	.20614	.32522	.06345	.10498	.34865	.06137	.28624
#1	2.4995	1.2390	24.861	2.5312	2.4636	24.631	4.9953	4.9542
#2	2.4986	1.2364	24.974	2.5301	2.4645	24.737	4.9900	4.9464
#3	2.5026	1.2415	25.018	2.5281	2.4684	24.802	4.9900	4.9739
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8569	5.0712	4.9620	5.0445	4.9554	4.975	5.0940	F 3.6306
Stddev	.0097	.0172	.0126	.0127	.0330	.016	.0278	.1719
%RSD	.19995	.33861	.25365	.25108	.66569	.3212	.54638	4.7362
#1	4.8610	5.0887	4.9654	5.0320	4.9663	4.990	5.1079	3.6195
#2	4.8458	5.0704	4.9481	5.0573	4.9815	4.958	5.1121	3.8078
#3	4.8638	5.0544	4.9725	5.0443	4.9183	4.977	5.0620	3.4644

Sample Name: CCV04 Acquired: 5/3/2019 15:09:52 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .12613
Stddev	.73399
%RSD	581.91

#1	-.01837
#2	.92163
#3	-.52485

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4045.9	51623.	5888.7	87.181	4222.1
Stddev	14.7	166.	23.3	.911	12.7
%RSD	.36441	.32077	.39638	1.0444	.30102

#1	4029.3	51587.	5863.3	87.275	4208.2
#2	4051.0	51804.	5893.4	88.041	4233.0
#3	4057.5	51478.	5909.2	86.227	4225.3

Sample Name: CCB04 Acquired: 5/3/2019 15:13:59 Type: Unk
Method: P4-ICP2(v3092) 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	.00196	.00139	F .00346	.00163	-.00185	.00179	.00039
Stddev	.00054	.00247	.00097	.00152	.00049	.01588	.00005
%RSD	27.378	177.32	28.165	93.533	26.496	884.89	12.215

#1	.00184	.00409	.00379	-.00003	-.00209	-.01163	.00044
#2	.00254	.00083	.00422	.00295	-.00129	-.00231	.00038
#3	.00149	-.00075	.00236	.00196	-.00218	.01933	.00035

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00010	.00575	-.00000	-.00027	.00003	-.00007
Stddev	.00003	.00002	.00678	.00009	.00013	.00022	.00029
%RSD	35.114	20.440	117.86	2104.9	46.246	807.81	439.99

#1	-.00005	-.00012	.00417	-.00001	-.00014	.00018	.00023
#2	-.00007	-.00008	.01319	.00009	-.00028	-.00023	-.00008
#3	-.00010	-.00012	-.00010	-.00010	-.00039	.00014	-.00035

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00323	.00001	.00014	-.04508	-.00003	-.00265
Stddev	.00003	.01808	.00019	.00032	.00543	.00031	.00011
%RSD	405.93	559.19	1436.1	239.47	12.055	921.54	4.2878

#1	-.00002	-.02040	-.00020	.00028	-.03939	.00024	-.00252
#2	.00004	-.00493	.00018	.00036	-.05021	-.00037	-.00270
#3	.00000	.01563	.00006	-.00024	-.04565	.00004	-.00273

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10101	-.00022	.00075	-.00039	.00396	-.00408	.00137
Stddev	.02454	.00015	.00339	.00038	.00117	.00083	.00155
%RSD	24.297	70.566	453.91	95.260	29.539	20.357	112.56

#1	-.11073	-.00038	.00105	-.00047	.00283	-.00322	.00316
#2	-.11920	-.00008	-.00278	-.00073	.00517	-.00413	.00060
#3	-.07310	-.00019	.00398	.00001	.00390	-.00488	.00036

Sample Name: CCB04 Acquired: 5/3/2019 15:13:59 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00315	.0004	-0.00014	F 2.6490	F<.00000
Stddev	.00187	.0017	.00004	.2609	.26990
%RSD	59.440	466.3	26.926	9.8497	20.300
#1	-0.00506	-0.0016	-0.00014	2.4668	-1.5984
#2	-0.00131	.0015	-0.00010	2.9479	-1.3317
#3	-0.00309	.0012	-0.00018	2.5324	-1.0586
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4223.7	54388.	5936.2	90.919	4736.1
Stddev	6.0	150.	17.3	1.917	7.0
%RSD	.14132	.27575	.29092	2.1081	.14694
#1	4218.5	54320.	5956.1	89.142	4732.6
#2	4222.3	54560.	5926.8	90.667	4731.6
#3	4230.2	54284.	5925.7	92.950	4744.1

Sample Name: K2597-02MS Acquired: 5/3/2019 15:18:27 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OB-722MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79929	2.0162	1.0066	2.0436	.81911	2.4452	.23524
Stddev	.00114	.0006	.0049	.0017	.00282	.0273	.00142
%RSD	.14252	.03179	.48351	.08500	.34396	1.1146	.60278

#1	.80047	2.0162	1.0121	2.0438	.82226	2.4419	.23393
#2	.79819	2.0168	1.0027	2.0452	.81682	2.4740	.23675
#3	.79922	2.0155	1.0050	2.0418	.81826	2.4198	.23506

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20527	.19969	25.094	.41452	.20246	.35913	4.3607
Stddev	.00021	.00050	.056	.00035	.00078	.00166	.0150
%RSD	.10404	.25234	.22239	.08441	.38485	.46197	.34510

#1	.20505	.20027	25.035	.41450	.20336	.36103	4.3561
#2	.20529	.19936	25.103	.41418	.20192	.35796	4.3484
#3	.20548	.19944	25.145	.41488	.20211	.35840	4.3775

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26175	5.4078	.50904	.07151	101.31	.32206	.29937
Stddev	.00023	.0086	.00117	.00020	.37	.00064	.00080
%RSD	.08908	.15956	.23026	.28355	.36945	.19874	.26700

#1	.26157	5.4039	.50998	.07152	100.88	.32264	.30020
#2	.26168	5.4177	.50772	.07130	101.59	.32217	.29861
#3	.26201	5.4018	.50941	.07171	101.46	.32137	.29930

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.659	.41781	.33433	4.1316	4.1300	.67071	.22209
Stddev	.141	.00152	.00586	.0210	.0119	.00280	.00099
%RSD	.79867	.36336	1.7533	.50752	.28869	.41758	.44383

#1	17.527	.41956	.32967	4.1372	4.1282	.66750	.22295
#2	17.808	.41687	.33241	4.1083	4.1191	.67203	.22101
#3	17.643	.41699	.34091	4.1491	4.1427	.67262	.22230

Sample Name: K2597-02MS Acquired: 5/3/2019 15:18:27 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OB-722MS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19203	6.446	.31629	3.1163	F<.00000
Stddev	.00244	.018	.00255	.1750	.20952
%RSD	1.2691	.2758	.80472	5.6158	9.2621

#1	.19094	6.426	.31596	3.1186	-2.4714
#2	.19032	6.459	.31393	2.9401	-2.2625
#3	.19482	6.454	.31899	3.2901	-2.0524

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4200.7	53965.	6137.1	93.921	4449.4
Stddev	3.1	45.	38.0	1.734	6.5
%RSD	.07273	.08414	.61910	1.8467	.14537

#1	4199.6	53971.	6120.7	93.387	4454.9
#2	4204.2	53918.	6180.5	95.859	4451.0
#3	4198.3	54008.	6110.0	92.516	4442.3

Sample Name: K2597-02MSD Acquired: 5/3/2019 15:22:32 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OB-722MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78648	1.9950	.99079	2.0168	.80698	2.4448	.23320
Stddev	.01563	.0318	.01736	.0383	.01385	.0401	.00177
%RSD	1.9876	1.5921	1.7521	1.8975	1.7159	1.6398	.75857

#1	.79475	2.0144	1.0037	2.0356	.81491	2.4009	.23216
#2	.76845	1.9583	.97105	1.9728	.79099	2.4538	.23524
#3	.79625	2.0122	.99766	2.0420	.81503	2.4796	.23219

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20495	.19721	25.188	.41852	.19976	.35676	4.3934
Stddev	.00038	.00450	.265	.00070	.00357	.00699	.0026
%RSD	.18533	2.2832	1.0518	.16671	1.7880	1.9582	.06005

#1	.20463	.20051	24.896	.41918	.20244	.36251	4.3904
#2	.20537	.19208	25.414	.41779	.19570	.34899	4.3944
#3	.20486	.19904	25.252	.41860	.20113	.35879	4.3953

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26144	5.4234	.50438	.07180	101.45	.32727	.29446
Stddev	.00038	.0274	.00765	.00015	.48	.00050	.00547
%RSD	.14560	.50441	1.5159	.20968	.46930	.15301	1.8570

#1	.26180	5.4548	.51045	.07166	100.96	.32690	.29847
#2	.26148	5.4101	.49580	.07196	101.91	.32708	.28823
#3	.26104	5.4051	.50690	.07177	101.47	.32784	.29667

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.551	.41257	.33457	4.0588	4.1374	.66024	.22147
Stddev	.082	.00722	.00857	.0695	.0175	.01217	.00301
%RSD	.46606	1.7495	2.5606	1.7122	.42229	1.8438	1.3600

#1	17.459	.41767	.33052	4.1041	4.1173	.66486	.21846
#2	17.615	.40431	.32879	3.9788	4.1459	.64644	.22448
#3	17.579	.41573	.34441	4.0936	4.1491	.66943	.22146

Sample Name: K2597-02MSD Acquired: 5/3/2019 15:22:32 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OB-722MSD Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19433	6.394	.31748	3.4249	F<.00000
Stddev	.00158	.105	.00237	.0729	.83493
%RSD	.81232	1.640	.74775	2.1298	32.831

#1	.19251	6.466	.31566	3.4638	-2.9062
#2	.19525	6.274	.32017	3.4701	-3.1349
#3	.19523	6.442	.31662	3.3408	-1.5881

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4208.1	53142.	6025.1	91.737	4463.4
Stddev	74.0	149.	20.9	.928	72.1
%RSD	1.7576	.28042	.34661	1.0116	1.6149

#1	4167.8	53310.	6044.9	91.622	4419.7
#2	4293.5	53086.	6003.3	92.717	4546.6
#3	4163.1	53028.	6027.3	90.872	4423.8

Sample Name: K2597-02A Acquired: 5/3/2019 15:26:37 Type: Unk
Method: P4-ICP2(v3092) 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	.79781	2.0212	1.0005	2.0329	.81646	2.4377	.23144
Stddev	.00181	.0013	.0029	.0011	.00136	.0132	.00060
%RSD	.22734	.06258	.28678	.05228	.16637	.54180	.25746

#1	.79845	2.0226	1.0037	2.0318	.81496	2.4249	.23133
#2	.79576	2.0210	.99973	2.0333	.81760	2.4513	.23209
#3	.79921	2.0201	.99813	2.0338	.81683	2.4370	.23091

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20441	.19946	25.336	.41745	.20157	.36246	4.3961
Stddev	.00057	.00057	.134	.00071	.00083	.00170	.0159
%RSD	.28004	.28516	.52921	.17084	.40930	.46972	.36233

#1	.20430	.19953	25.250	.41664	.20217	.36152	4.3778
#2	.20503	.19885	25.268	.41795	.20063	.36144	4.4035
#3	.20390	.19998	25.491	.41777	.20192	.36442	4.4070

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26134	5.3743	.51037	.07250	100.46	.32661	.29749
Stddev	.00033	.0566	.00066	.00062	.50	.00035	.00100
%RSD	.12589	1.0531	.12998	.85810	.50267	.10824	.33470

#1	.26159	5.3102	.51040	.07179	99.898	.32674	.29770
#2	.26147	5.4175	.50969	.07277	100.62	.32688	.29640
#3	.26097	5.3950	.51102	.07293	100.87	.32621	.29836

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.427	.41464	.35669	4.0868	4.1768	.66602	.22203
Stddev	.091	.00066	.01689	.0089	.0106	.00268	.00088
%RSD	.52407	.15981	4.7365	.21646	.25425	.40270	.39456

#1	17.332	.41442	.36010	4.0775	4.1651	.66589	.22185
#2	17.434	.41410	.33835	4.0875	4.1795	.66341	.22126
#3	17.514	.41538	.37161	4.0952	4.1859	.66877	.22298

Sample Name: K2597-02A Acquired: 5/3/2019 15:26:37 Type: Unk
Method: P4-ICP2(v3092) 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	.19808	6.465	.31825	3.5938	F<.00000
Stddev	.00109	.016	.00218	.3202	.76735
%RSD	.54989	.2497	.68587	8.9099	41.551
#1	.19696	6.447	.31819	3.9548	-1.3551
#2	.19816	6.469	.31610	3.3442	-1.4542
#3	.19913	6.478	.32046	3.4823	-2.7310
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4165.7	53302.	5954.2	92.017	4422.4
Stddev	3.7	208.	34.1	.963	12.4
%RSD	.08892	.38966	.57278	1.0461	.28151
#1	4161.5	53541.	5965.4	91.723	4409.4
#2	4168.4	53201.	5981.3	93.092	4434.2
#3	4167.1	53164.	5915.9	91.235	4423.4

Sample Name: K1411-04 Acquired: 5/3/2019 15:30:42 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ETGI-RO-294 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09298	.00048	7.1434	.01367	.01327	88.274	.84591
Stddev	.00082	.00132	.0576	.00210	.00187	.511	.00481
%RSD	.87853	274.35	.80688	15.391	14.124	.57897	.56895

#1	.09205	-.00067	7.0848	.01529	.01316	87.900	.84255
#2	.09334	.00191	7.1455	.01129	.01146	88.065	.84375
#3	.09356	.00020	7.2000	.01443	.01520	88.856	.85142

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00667	-.00573	728.21	.13839	.04005	1.8433	174.50
Stddev	.00008	.00021	2.55	.00102	.00038	.0170	2.31
%RSD	1.1502	3.5904	.35056	.73940	.94853	.92331	1.3245

#1	.00662	-.00578	726.83	.13760	.03963	1.8237	173.52
#2	.00665	-.00550	731.15	.13802	.04013	1.8512	172.85
#3	.00676	-.00589	726.64	.13955	.04038	1.8548	177.14

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8617	45.022	.16056	-.01896	13.975	.73937	.46489
Stddev	.0283	.277	.00103	.00076	.072	.00699	.00429
%RSD	.98844	.61628	.63966	4.0280	.51530	.94566	.92277

#1	2.8484	44.838	.15957	-.01853	13.902	.73519	.46053
#2	2.8425	44.887	.16162	-.01984	13.977	.73548	.46504
#3	2.8941	45.341	.16047	-.01851	14.046	.74744	.46910

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.218	.01787	.44475	F 33.470	1.4502	.58982	2.7536
Stddev	.112	.00062	.00469	.306	.0436	.00603	.0062
%RSD	.73328	3.4883	1.0548	.91393	3.0062	1.0224	.22320

#1	15.164	.01752	.44905	33.159	1.4505	.58443	2.7480
#2	15.145	.01749	.43975	33.481	1.4937	.58870	2.7602
#3	15.347	.01859	.44546	33.770	1.4065	.59634	2.7526

Sample Name: K1411-04 Acquired: 5/3/2019 15:30:42 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ETGI-RO-294 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19591	3.311	2.8738	4.3588	F<.00000
Stddev	.00213	.024	.0122	.2628	1.0755
%RSD	1.0857	.7352	.42325	6.0289	1.5885

#1	.19802	3.289	2.8772	4.2201	-67.913
#2	.19377	3.308	2.8839	4.1944	-66.541
#3	.19594	3.337	2.8603	4.6619	-68.662

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3911.7	49683.	6021.2	81.190	3763.7
Stddev	24.9	259.	17.5	1.485	23.1
%RSD	.63728	.52053	.29005	1.8292	.61478

#1	3940.3	49782.	6012.6	82.667	3782.1
#2	3900.0	49878.	6009.8	81.207	3771.3
#3	3894.8	49390.	6041.3	79.697	3737.7

Sample Name: K2635-05 Acquired: 5/3/2019 15:35:01 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-05-050219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08091	.00259	.49743	.01941	.00559	133.48	.70353
Stddev	.00224	.00041	.00257	.00342	.00074	1.46	.00548
%RSD	2.7696	15.725	.51739	17.630	13.278	1.0919	.77953

#1	.08350	.00304	.49541	.02010	.00475	135.15	.70986
#2	.07967	.00225	.49655	.01569	.00616	132.47	.70063
#3	.07957	.00247	.50032	.02243	.00587	132.82	.70011

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01078	-.00706	43.715	.25363	.06078	.16781	203.87
Stddev	.00006	.00006	2.889	.00165	.00024	.00053	.41
%RSD	.54412	.85466	6.6097	.65033	.39835	.31324	.20333

#1	.01077	-.00701	47.017	.25461	.06072	.16728	204.19
#2	.01073	-.00712	41.651	.25455	.06057	.16783	204.01
#3	.01085	-.00704	42.477	.25173	.06104	.16833	203.40

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4057	26.130	.08170	-.01971	3.5079	.37513	.57118
Stddev	.0024	.099	.00086	.00048	.0034	.00143	.00101
%RSD	.16723	.37771	1.0585	2.4445	.09819	.38124	.17671

#1	1.4036	26.216	.08071	-.01921	3.5104	.37465	.57141
#2	1.4053	26.022	.08207	-.01976	3.5040	.37400	.57008
#3	1.4083	26.151	.08232	-.02017	3.5093	.37673	.57206

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.480	.00392	.18644	1.9341	3.9292	.01824	1.0762
Stddev	.098	.00021	.00746	.0157	.2293	.00114	.0652
%RSD	.59692	5.2825	4.0023	.81203	5.8350	6.2328	6.0560

#1	16.585	.00390	.18232	1.9442	4.1681	.01953	1.1513
#2	16.390	.00372	.19506	1.9160	3.7109	.01779	1.0337
#3	16.465	.00414	.18195	1.9421	3.9087	.01740	1.0438

Sample Name: K2635-05 Acquired: 5/3/2019 15:35:01 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-05-050219 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08819	4.523	.03061	.01948	F<.00000
Stddev	.00604	.029	.01627	.27329	1.3870
%RSD	6.8510	.6298	53.143	1402.9	1.3028
#1	.09486	4.530	.04916	-.01267	-106.19
#2	.08309	4.492	.01881	.30742	-105.23
#3	.08661	4.548	.02385	-.23631	-107.96
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4550.4	57606.	6643.0	86.544	4235.4
Stddev	3.2	111.	370.6	6.271	9.1
%RSD	.07010	.19335	5.5784	7.2456	.21410
#1	4548.0	57502.	6224.5	79.330	4224.9
#2	4549.2	57723.	6929.3	90.695	4241.3
#3	4554.1	57593.	6775.3	89.605	4239.9

Sample Name: K2635-07 Acquired: 5/3/2019 15:39:28 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-05-050219 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07605	.00184	.50033	.01765	.00420	89.880	.46117
Stddev	.00287	.00128	.00481	.00349	.00111	.585	.00200
%RSD	3.7672	69.371	.96206	19.743	26.345	.65068	.43372

#1	.07777	.00310	.50085	.01363	.00368	89.806	.46101
#2	.07765	.00188	.49528	.01982	.00345	90.498	.46324
#3	.07275	.00055	.50487	.01951	.00547	89.335	.45925

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00648	-.00622	240.02	.21528	.04016	.22187	157.62
Stddev	.00007	.00020	.26	.00048	.00037	.00109	1.09
%RSD	1.0082	3.1552	.10919	.22418	.92807	.49153	.69438

#1	.00642	-.00618	240.17	.21478	.04033	.22232	158.01
#2	.00646	-.00644	240.18	.21531	.03973	.22063	158.47
#3	.00655	-.00605	239.72	.21575	.04042	.22266	156.39

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1694	45.634	.06273	-.01357	4.1389	.35355	.55188
Stddev	.0022	.271	.00049	.00042	.0243	.00092	.00024
%RSD	.19011	.59474	.77777	3.0615	.58816	.26079	.04321

#1	1.1676	45.747	.06308	-.01403	4.1273	.35289	.55216
#2	1.1718	45.830	.06294	-.01322	4.1668	.35460	.55176
#3	1.1687	45.324	.06217	-.01347	4.1225	.35315	.55173

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8118	.00658	.22607	6.8255	3.1928	.01865	1.0558
Stddev	.0409	.00036	.01321	.0403	.0107	.00060	.0006
%RSD	.41645	5.4479	5.8441	.59058	.33499	3.2023	.06048

#1	9.8217	.00698	.22748	6.8607	3.1982	.01889	1.0553
#2	9.8467	.00647	.21221	6.7815	3.1805	.01908	1.0555
#3	9.7668	.00629	.23852	6.8344	3.1998	.01797	1.0565

Sample Name: K2635-07 Acquired: 5/3/2019 15:39:28 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-05-050219 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07449	4.020	.73462	3.4092	F<.00000
Stddev	.00005	.020	.00089	.0825	1.0151
%RSD	.06624	.4889	.12109	2.4188	1.5185
#1	.07444	4.036	.73428	3.4368	-66.209
#2	.07453	3.998	.73396	3.4742	-66.319
#3	.07450	4.027	.73564	3.3164	-68.020
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4108.3	52629.	6207.0	87.088	4059.7
Stddev	.2	207.	16.6	1.004	2.2
%RSD	.00422	.39377	.26776	1.1533	.05513
#1	4108.4	52581.	6190.6	87.604	4061.7
#2	4108.1	52450.	6223.8	87.730	4060.0
#3	4108.4	52856.	6206.5	85.931	4057.3

Sample Name: K2642-01 Acquired: 5/3/2019 15:43:55 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-050219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02581	-.01285	.30606	.02266	.00218	150.96	.60473
Stddev	.00114	.00053	.00488	.00255	.00264	5.47	.02231
%RSD	4.4218	4.0932	1.5952	11.243	121.23	3.6252	3.6897

#1	.02513	-.01330	.30086	.02559	-.00055	157.24	.63049
#2	.02713	-.01297	.30678	.02097	.00236	148.44	.59135
#3	.02517	-.01227	.31054	.02142	.00472	147.21	.59235

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00997	-.00650	96.350	.24148	.14742	.89742	256.26
Stddev	.00058	.00117	.211	.01052	.00107	.00287	9.31
%RSD	5.7997	18.068	.21850	4.3577	.72255	.31964	3.6350

#1	.01064	-.00781	96.109	.25355	.14700	.89411	266.97
#2	.00971	-.00612	96.500	.23659	.14663	.89888	251.76
#3	.00957	-.00556	96.440	.23428	.14863	.89926	250.05

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7583	84.480	.27706	-.03001	7.2269	.47134	.92453
Stddev	.1919	2.915	.00084	.00160	.2721	.02054	.00027
%RSD	4.0326	3.4501	.30153	5.3383	3.7652	4.3579	.02883

#1	4.9750	87.846	.27620	-.03182	7.5406	.49506	.92484
#2	4.6896	82.828	.27711	-.02941	7.0854	.45959	.92435
#3	4.6101	82.767	.27786	-.02879	7.0547	.45937	.92442

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.471	.00135	.18377	6.0927	2.2554	.00950	4.5671
Stddev	.739	.00034	.01281	.0155	.1235	.00011	.0205
%RSD	3.9987	24.982	6.9717	.25494	5.4765	1.1967	.44796

#1	19.324	.00123	.18543	6.1089	2.1175	.00963	4.5466
#2	18.065	.00173	.17021	6.0779	2.2929	.00944	4.5875
#3	18.025	.00109	.19567	6.0913	2.3559	.00943	4.5673

Sample Name: K2642-01 Acquired: 5/3/2019 15:43:55 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-050219 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18655	9.657	-.00145	.16839	F<.00000
Stddev	.00158	.022	.01066	.92672	2.3271
%RSD	.84955	.2299	736.65	550.34	1.5881
#1	.18486	9.640	-.01375	1.2383	-149.21
#2	.18800	9.649	.00488	-.38357	-144.97
#3	.18681	9.682	.00453	-.34954	-145.43
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4556.8	56977.	6845.5	86.111	4035.9
Stddev	13.0	2074.	32.1	1.529	4.2
%RSD	.28420	3.6395	.46961	1.7758	.10493
#1	4571.3	54589.	6856.5	84.363	4040.2
#2	4552.6	58010.	6809.3	87.201	4035.6
#3	4546.4	58331.	6870.7	86.770	4031.7

Sample Name: K2647-01 Acquired: 5/3/2019 15:48:27 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-04-050219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02932	-.02377	.15839	.01479	.00197	123.44	.50019
Stddev	.00223	.00166	.00163	.00026	.00377	.92	.00434
%RSD	7.5961	6.9927	1.0271	1.7637	191.53	.74139	.86817

#1	.02825	-.02478	.15778	.01502	-.00239	122.51	.49644
#2	.03189	-.02467	.16024	.01483	.00412	123.47	.49917
#3	.02784	-.02185	.15716	.01451	.00418	124.34	.50494

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01084	-.00164	80.149	.13369	.19684	.42629	269.81
Stddev	.00014	.00009	.436	.00118	.00019	.00092	.77
%RSD	1.3128	5.2485	.54458	.88259	.09902	.21656	.28721

#1	.01095	-.00155	79.677	.13339	.19662	.42547	268.92
#2	.01068	-.00167	80.232	.13269	.19696	.42729	270.25
#3	.01089	-.00171	80.537	.13499	.19695	.42611	270.27

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9342	62.013	.19548	-.03702	5.4853	.59097	.67319
Stddev	.0246	.341	.00061	.00035	.0489	.00106	.00207
%RSD	.49928	.55044	.31445	.93357	.89227	.17973	.30699

#1	4.9208	61.723	.19618	-.03741	5.4363	.58990	.67304
#2	4.9626	61.928	.19509	-.03674	5.4854	.59100	.67121
#3	4.9191	62.389	.19515	-.03692	5.5342	.59202	.67533

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.8948	.00301	.50788	3.5353	3.9554	.00884	5.8533
Stddev	.0526	.00018	.01042	.0108	.0330	.00099	.0289
%RSD	.66659	5.9013	2.0518	.30500	.83354	11.180	.49303

#1	7.8783	.00287	.50633	3.5300	3.9898	.00986	5.8265
#2	7.8524	.00295	.49832	3.5281	3.9241	.00789	5.8838
#3	7.9537	.00321	.51899	3.5477	3.9524	.00878	5.8496

Sample Name: K2647-01 Acquired: 5/3/2019 15:48:27 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-04-050219 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10739	8.899	-.13419	<.00000	F<.00000
Stddev	.00097	.022	.00013	.19264	.94010
%RSD	.89877	.2495	.09382	4.6579	.46598
#1	.10684	8.886	-.13405	-4.1033	-201.20
#2	.10850	8.886	-.13428	-3.9615	-201.21
#3	.10682	8.924	-.13425	-4.3426	-202.83
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5167.6	66467.	7763.0	85.071	4047.4
Stddev	8.7	228.	21.5	2.531	11.0
%RSD	.16927	.34312	.27748	2.9750	.27273
#1	5177.7	66635.	7782.4	82.593	4058.5
#2	5161.9	66557.	7739.8	87.651	4047.3
#3	5163.3	66207.	7766.6	84.969	4036.5

Sample Name: K2647-03 Acquired: 5/3/2019 15:53:00 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-04-050219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03550	-.01357	.32448	.01923	-.00078	101.51	.51639
Stddev	.00223	.00209	.00142	.00244	.00134	2.13	.01224
%RSD	6.2713	15.407	.43716	12.707	172.80	2.0998	2.3711

#1	.03504	-.01597	.32480	.01868	.00069	100.24	.50717
#2	.03354	-.01262	.32572	.01710	-.00194	100.32	.51173
#3	.03792	-.01212	.32294	.02190	-.00108	103.97	.53028

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00937	-.00454	73.377	.15219	.12905	.27096	218.55
Stddev	.00032	.00046	.535	.00343	.00058	.00113	3.97
%RSD	3.4645	10.069	.72974	2.2516	.44730	.41768	1.8176

#1	.00948	-.00417	72.926	.15027	.12917	.27199	215.53
#2	.00900	-.00439	73.969	.15015	.12955	.27114	217.09
#3	.00962	-.00505	73.236	.15615	.12842	.26975	223.05

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0806	54.345	.14658	-.02563	4.0750	.34993	.69507
Stddev	.0994	1.164	.00060	.00081	.0874	.00786	.00427
%RSD	2.4365	2.1411	.40745	3.1651	2.1444	2.2463	.61444

#1	4.0059	53.612	.14726	-.02501	4.0065	.34688	.69832
#2	4.0424	53.737	.14630	-.02533	4.0450	.34405	.69665
#3	4.1934	55.687	.14617	-.02655	4.1734	.35886	.69023

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.0187	.00442	.16786	2.7665	4.8970	.01074	3.4811
Stddev	.1692	.00036	.01737	.0066	.0377	.00134	.0209
%RSD	1.8760	8.0675	10.346	.23798	.77047	12.433	.59896

#1	8.9359	.00482	.18791	2.7740	4.9368	.01048	3.4589
#2	8.9069	.00427	.15805	2.7636	4.8924	.00956	3.4841
#3	9.2134	.00415	.15761	2.7618	4.8618	.01219	3.5002

Sample Name: K2647-03 Acquired: 5/3/2019 15:53:00 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-04-050219 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11905	9.364	-.11189	<.00000	F<.00000
Stddev	.00063	.036	.00371	.64657	.94718
%RSD	.52771	.3811	3.3145	24.809	.69251
#1	.11889	9.385	-.10944	-3.2169	-137.34
#2	.11852	9.384	-.11008	-2.6728	-137.30
#3	.11975	9.323	-.11616	-1.9289	-135.68
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5094.1	64331.	7616.5	89.040	4134.9
Stddev	15.6	1139.	31.8	1.711	9.7
%RSD	.30559	1.7702	.41692	1.9211	.23413
#1	5076.1	64956.	7622.2	90.351	4126.1
#2	5104.1	65021.	7582.3	87.105	4133.3
#3	5101.9	63017.	7645.1	89.664	4145.3

Sample Name: K2652-01 Acquired: 5/3/2019 15:57:28 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-1-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02270	-.02424	.10459	.01736	.00176	112.63	.83310
Stddev	.00190	.00081	.00142	.00092	.00150	.36	.00353
%RSD	8.3639	3.3512	1.3565	5.3224	85.165	.31880	.42318

#1	.02064	-.02339	.10317	.01839	.00349	112.59	.83493
#2	.02308	-.02501	.10600	.01705	.00089	113.00	.83533
#3	.02438	-.02431	.10460	.01662	.00089	112.29	.82903

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00838	-.00678	71.474	.26397	.15392	.47739	237.16
Stddev	.00024	.00019	.416	.00194	.00058	.00155	.80
%RSD	2.8111	2.7621	.58197	.73371	.37954	.32557	.33604

#1	.00829	-.00696	71.928	.26467	.15384	.47588	237.89
#2	.00865	-.00679	71.111	.26546	.15337	.47730	237.29
#3	.00821	-.00659	71.384	.26178	.15453	.47898	236.31

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9790	54.055	.23220	-.02913	12.516	.46455	.61639
Stddev	.0534	.198	.00075	.00072	.057	.00205	.00081
%RSD	.89237	.36593	.32227	2.4614	.45292	.44080	.13162

#1	6.0405	53.834	.23199	-.02830	12.526	.46365	.61560
#2	5.9514	54.114	.23303	-.02949	12.567	.46310	.61634
#3	5.9451	54.216	.23159	-.02959	12.455	.46689	.61722

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4961	.00539	.20284	3.0002	2.0738	.01192	7.2115
Stddev	.0342	.00009	.01510	.0230	.0213	.00144	.0356
%RSD	.45680	1.6525	7.4451	.76649	1.0259	12.109	.49360

#1	7.4654	.00531	.21785	2.9788	2.0667	.01127	7.2523
#2	7.5330	.00538	.18765	2.9974	2.0570	.01357	7.1872
#3	7.4899	.00549	.20304	3.0245	2.0977	.01091	7.1948

Sample Name: K2652-01 Acquired: 5/3/2019 15:57:28 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DRUM-1-4 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11092	5.502	-.05093	<.00000	F<.00000
Stddev	.00098	.025	.00066	.12520	1.2365
%RSD	.88304	.4515	1.2973	24.250	.94389
#1	.11106	5.479	-.05165	-.38356	-129.81
#2	.11181	5.499	-.05080	-.63227	-130.91
#3	.10987	5.528	-.05034	-.53298	-132.28
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4526.4	57634.	6704.1	86.924	4120.0
Stddev	3.2	158.	34.3	.917	.8
%RSD	.07145	.27429	.51235	1.0555	.01904
#1	4522.7	57510.	6667.5	87.627	4119.3
#2	4527.9	57581.	6735.7	87.260	4120.8
#3	4528.6	57812.	6709.0	85.887	4119.9

Sample Name: CCV05 Acquired: 5/3/2019 16:02:02 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14916 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9902	5.0696	4.9894	5.0574	4.9889	9.8079	10.116
Stddev	.0161	.0032	.0062	.0060	.0046	.0508	.056
%RSD	.32254	.06337	.12388	.11960	.09191	.51750	.55667

#1	4.9994	5.0659	4.9824	5.0587	4.9900	9.8082	10.129
#2	4.9996	5.0714	4.9939	5.0627	4.9839	9.7570	10.055
#3	4.9716	5.0715	4.9921	5.0508	4.9929	9.8585	10.166

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25254	2.5085	25.937	1.0169	2.4910	1.2644	5.0917
Stddev	.00065	.0057	.056	.0020	.0024	.0002	.0123
%RSD	.25904	.22635	.21413	.19820	.09582	.01356	.24147

#1	.25185	2.5040	25.878	1.0182	2.4888	1.2646	5.0814
#2	.25314	2.5065	25.989	1.0146	2.4908	1.2643	5.0883
#3	.25264	2.5149	25.943	1.0180	2.4935	1.2644	5.1053

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5713	25.251	2.5242	1.2472	25.324	2.5681	2.4981
Stddev	.0012	.142	.0069	.0014	.142	.0025	.0005
%RSD	.04788	.56324	.27387	.11286	.55947	.09901	.02004

#1	2.5714	25.184	2.5185	1.2458	25.207	2.5660	2.4986
#2	2.5701	25.156	2.5221	1.2471	25.283	2.5675	2.4977
#3	2.5726	25.415	2.5319	1.2486	25.481	2.5710	2.4979

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.198	5.0223	5.0194	4.9628	5.1549	5.0126	5.1074
Stddev	.174	.0065	.0289	.0021	.0201	.0191	.0201
%RSD	.69187	.12954	.57603	.04227	.38960	.38094	.39290

#1	25.031	5.0298	4.9926	4.9604	5.1317	4.9915	5.0843
#2	25.184	5.0193	5.0154	4.9635	5.1675	5.0286	5.1172
#3	25.379	5.0179	5.0501	4.9644	5.1654	5.0176	5.1207

Sample Name: CCV05 Acquired: 5/3/2019 16:02:02 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14916 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.0082	5.138	5.1986	F 4.2047	F<.00000
Stddev	.0373	.002	.0391	.0312	.22699
%RSD	.74431	.0419	.75191	.74155	257.25

#1	4.9657	5.135	5.1535	4.1965	-.34858
#2	5.0356	5.139	5.2199	4.2392	.01565
#3	5.0232	5.139	5.2224	4.1785	.06822

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4043.3	51351.	5824.4	86.716	4203.8
Stddev	6.3	99.	23.6	1.270	1.8
%RSD	.15484	.19289	.40452	1.4646	.04190

#1	4036.3	51381.	5849.3	85.700	4202.0
#2	4045.1	51431.	5802.4	86.308	4204.1
#3	4048.4	51240.	5821.6	88.139	4205.5

Sample Name: CCB05 Acquired: 5/3/2019 16:06:10 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14916 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00037	.00093	.00293	.00249	-.00057	-.01318	.00058
Stddev	.00165	.00048	.00067	.00039	.00033	.01697	.00042
%RSD	443.69	52.165	22.994	15.803	57.977	128.73	71.123

#1	.00198	.00148	.00368	.00248	-.00075	-.03267	.00019
#2	-.00133	.00075	.00274	.00289	-.00019	-.00523	.00055
#3	.00046	.00056	.00237	.00210	-.00075	-.00165	.00102

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00014	-.00198	-.00014	-.00012	-.00014	-.00080
Stddev	.00002	.00004	.01071	.00040	.00007	.00030	.00063
%RSD	29.350	31.122	540.27	281.26	63.805	212.38	79.032

#1	-.00005	-.00016	.00197	.00012	-.00019	.00017	-.00016
#2	-.00008	-.00009	-.01411	.00006	-.00012	-.00016	-.00082
#3	-.00009	-.00017	.00619	-.00061	-.00004	-.00043	-.00142

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.02645	.00000	.00013	-.06546	.00015	-.00282
Stddev	.00005	.00532	.00038	.00031	.00304	.00019	.00012
%RSD	74.084	20.108	27990.	242.54	4.6456	126.37	4.1750

#1	-.00005	.02052	.00005	-.00013	-.06818	.00030	-.00274
#2	-.00014	.02804	-.00040	.00047	-.06602	.00021	-.00296
#3	-.00003	.03079	.00035	.00004	-.06218	-.00006	-.00276

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10923	-.00021	.00118	-.00024	.00491	-.00464	.00155
Stddev	.01126	.00035	.01497	.00063	.00171	.00067	.00036
%RSD	10.304	171.09	1264.4	268.23	34.793	14.385	23.430

#1	-.10127	.00009	.01790	-.00034	.00591	-.00389	.00193
#2	-.10431	-.00012	-.01099	-.00081	.00294	-.00487	.00121
#3	-.12211	-.00060	-.00336	.00044	.00588	-.00517	.00151

Sample Name: CCB05 Acquired: 5/3/2019 16:06:10 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14916 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00441	.0005	-.00008	F 2.3498	F<.00000
Stddev	.00181	.0003	.00011	.1584	.34282
%RSD	40.922	56.32	133.19	6.7399	18.181

#1	-.00549	.0008	-.00013	2.1842	-2.1230
#2	-.00542	.0004	-.00017	2.4998	-1.4926
#3	-.00233	.0003	.00004	2.3655	-2.0413

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4240.0	53854.	5837.5	90.064	4733.4
Stddev	7.4	240.	36.3	.077	4.0
%RSD	.17394	.44571	.62141	.08597	.08519

#1	4231.6	53822.	5832.6	90.150	4728.7
#2	4245.3	53631.	5876.0	90.042	4735.7
#3	4243.1	54108.	5804.0	90.000	4735.7

Sample Name: K2654-01 Acquired: 5/3/2019 16:10:39 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-STONES Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.01541	.06012	.01577	.00275	52.273	.11169
Stddev	.00137	.00120	.00117	.00289	.00135	.085	.00094
%RSD	1262.5	7.7755	1.9464	18.321	48.884	.16202	.84261

#1	-.00156	-.01600	.05980	.01585	.00223	52.347	.11062
#2	.00007	-.01403	.06142	.01861	.00428	52.181	.11210
#3	.00116	-.01619	.05915	.01283	.00174	52.292	.11236

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00205	-.00539	47.974	.06367	.10051	1.2824	126.36
Stddev	.00009	.00023	.203	.00072	.00100	.0028	1.23
%RSD	4.4154	4.2682	.42243	1.1258	.99199	.22141	.97254

#1	.00215	-.00545	47.914	.06450	.10013	1.2857	127.12
#2	.00197	-.00558	48.200	.06331	.09977	1.2813	127.01
#3	.00204	-.00513	47.808	.06321	.10165	1.2803	124.94

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1162	83.144	.32129	-.01317	2.8669	.16341	.87319
Stddev	.0019	.234	.00150	.00039	.0129	.00125	.00106
%RSD	.16550	.28161	.46696	2.9401	.45136	.76730	.12162

#1	1.1177	83.145	.32136	-.01354	2.8655	.16486	.87353
#2	1.1167	82.909	.31975	-.01320	2.8805	.16281	.87200
#3	1.1141	83.378	.32275	-.01277	2.8547	.16258	.87404

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0664	-.00176	.10355	.69042	.44275	.00625	5.1034
Stddev	.0280	.00034	.01549	.00199	.00566	.00056	.0181
%RSD	2.6304	19.456	14.963	.28867	1.2793	8.9865	.35533

#1	1.0555	-.00146	.11770	.68922	.44929	.00570	5.0825
#2	1.0983	-.00168	.10595	.69272	.43971	.00682	5.1132
#3	1.0455	-.00213	.08700	.68933	.43926	.00622	5.1145

Sample Name: K2654-01 Acquired: 5/3/2019 16:10:39 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-STONES Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04947	2.474	-.02047	2.4249	F<.00000
Stddev	.00098	.009	.00151	.2019	.61398
%RSD	1.9804	.3542	7.3703	8.3245	1.1575

#1	.05054	2.467	-.02142	2.1934	-53.739
#2	.04924	2.471	-.02127	2.5639	-52.581
#3	.04862	2.484	-.01873	2.5175	-52.806

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4229.3	54517.	6221.1	86.963	4209.5
Stddev	12.0	267.	44.5	.920	5.1
%RSD	.28290	.49046	.71564	1.0582	.12132

#1	4224.8	54238.	6179.2	86.027	4212.9
#2	4220.2	54542.	6216.3	87.867	4203.6
#3	4242.9	54770.	6267.8	86.994	4211.8

Sample Name: K2656-01 Acquired: 5/3/2019 16:14:59 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 390425737 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00766	-.00158	.11587	.02624	.00797	9.0952	.70270
Stddev	.00214	.00077	.00094	.00202	.00093	.0697	.00287
%RSD	27.900	48.829	.81328	7.7175	11.692	.76631	.40907

#1	.00831	-.00190	.11689	.02392	.00731	9.0523	.70227
#2	.00940	-.00214	.11503	.02763	.00903	9.0576	.70006
#3	.00528	-.00070	.11569	.02716	.00755	9.1756	.70577

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00120	.00193	49.007	.08202	.00738	2.8851	25.050
Stddev	.00004	.00014	.340	.00044	.00011	.0058	.047
%RSD	3.6702	7.2849	.69395	.54245	1.5539	.20115	.18851

#1	.00118	.00209	48.865	.08163	.00751	2.8876	25.104
#2	.00117	.00182	49.395	.08250	.00733	2.8785	25.021
#3	.00125	.00189	48.761	.08191	.00729	2.8893	25.024

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33725	8.6495	.05089	.03263	1.7285	.01908	5.5094
Stddev	.00045	.0644	.00041	.00035	.0138	.00029	.0015
%RSD	.13311	.74457	.79961	1.0686	.79668	1.4942	.02647

#1	.33774	8.6087	.05135	.03284	1.7232	.01938	5.5087
#2	.33686	8.6160	.05060	.03282	1.7182	.01881	5.5085
#3	.33714	8.7237	.05070	.03223	1.7441	.01903	5.5111

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7376	.01795	.04586	F 28.559	2.6381	.10530	.11031
Stddev	.0733	.00018	.01154	.063	.0292	.00040	.00088
%RSD	1.0886	1.0275	25.151	.22113	1.1068	.38386	.80006

#1	6.6529	.01778	.04308	28.494	2.6251	.10505	.10937
#2	6.7775	.01793	.03597	28.563	2.6716	.10508	.11112
#3	6.7823	.01815	.05854	28.620	2.6178	.10577	.11044

Sample Name: K2656-01 Acquired: 5/3/2019 16:14:59 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 390425737 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00164	F 45.33	.08460	2.9384	F<.00000
Stddev	.00112	.06	.00110	.2431	.39954
%RSD	68.014	.1242	1.2943	8.2736	6.2655

#1	-.00271	45.38	.08367	3.2175	-5.9167
#2	-.00049	45.27	.08581	2.8254	-6.5779
#3	-.00172	45.35	.08433	2.7725	-6.6359

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4136.8	53834.	6067.8	90.801	4520.6
Stddev	8.1	168.	70.6	1.824	5.0
%RSD	.19499	.31118	1.1631	2.0085	.11116

#1	4127.8	53675.	6062.7	88.695	4514.8
#2	4143.4	53819.	6000.0	91.848	4523.3
#3	4139.2	54009.	6140.8	91.860	4523.8

Sample Name: K2657-01 Acquired: 5/3/2019 16:19:17 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 390430013 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00214	-.00136	.04555	.01181	.00034	41.976	.65372
Stddev	.00180	.00117	.00124	.00126	.00146	.782	.01231
%RSD	84.288	86.365	2.7204	10.687	428.25	1.8633	1.8824

#1	.00421	-.00140	.04696	.01163	-.00042	41.523	.64363
#2	.00129	-.00017	.04508	.01315	-.00058	41.525	.65011
#3	.00092	-.00251	.04462	.01065	.00203	42.879	.66743

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	-.00052	27.160	.01643	.00237	.67646	15.945
Stddev	.00006	.00002	.139	.00078	.00009	.00268	.352
%RSD	26.974	4.0545	.51313	4.7230	3.8963	.39643	2.2083

#1	.00022	-.00050	27.074	.01566	.00226	.67722	15.746
#2	.00026	-.00051	27.321	.01642	.00244	.67348	15.737
#3	.00015	-.00054	27.085	.01722	.00240	.67868	16.352

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0985	3.3070	.00928	.00166	3.8515	.00915	.83487
Stddev	.0240	.0242	.00027	.00026	.0679	.00044	.00063
%RSD	2.1833	.73170	2.8945	15.664	1.7619	4.7575	.07572

#1	1.0849	3.2793	.00904	.00137	3.7972	.00923	.83474
#2	1.0845	3.3236	.00957	.00187	3.8297	.00868	.83431
#3	1.1262	3.3183	.00922	.00173	3.9275	.00954	.83556

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2093	.00351	.02120	7.9793	1.2803	.01279	.12684
Stddev	.0754	.00017	.00790	.0587	.0380	.00056	.00244
%RSD	6.2363	4.9749	37.268	.73551	2.9688	4.3402	1.9246

#1	1.1570	.00363	.02195	8.0342	1.3079	.01262	.12500
#2	1.1751	.00358	.02869	7.9175	1.2961	.01234	.12961
#3	1.2957	.00331	.01295	7.9863	1.2369	.01341	.12592

Sample Name: K2657-01 Acquired: 5/3/2019 16:19:17 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 390430013 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00456	F 31.12	.24432	3.3020	F<.00000
Stddev	.00046	.12	.00092	.4995	.70650
%RSD	10.111	.3780	.37677	15.127	30.045

#1	-.00504	31.25	.24510	3.0829	-2.4146
#2	-.00413	31.06	.24457	2.9495	-3.0242
#3	-.00450	31.04	.24331	3.8736	-1.6155

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4191.3	52927.	5944.8	90.344	4523.3
Stddev	4.8	860.	14.1	2.037	5.3
%RSD	.11342	1.6253	.23731	2.2550	.11759

#1	4187.5	53538.	5949.5	89.321	4517.2
#2	4196.6	53300.	5929.0	92.690	4526.8
#3	4189.9	51943.	5956.0	89.022	4525.9

Sample Name: K2667-01 Acquired: 5/3/2019 16:23:33 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SP-1-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01264	-.00060	.10351	.01528	.00100	55.120	.13710
Stddev	.00093	.00205	.00067	.00445	.00120	.044	.00103
%RSD	7.3587	341.84	.64594	29.113	119.06	.07991	.75439

#1	.01331	-.00041	.10390	.01502	.00180	55.081	.13674
#2	.01303	.00135	.10389	.01985	-.00037	55.110	.13629
#3	.01158	-.00275	.10274	.01096	.00159	55.168	.13826

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00201	-.00461	39.472	.09794	.05682	.89674	105.47
Stddev	.00007	.00011	.204	.00066	.00054	.00232	.27
%RSD	3.3491	2.3980	.51674	.67774	.94719	.25859	.25939

#1	.00204	-.00453	39.684	.09717	.05633	.89645	105.56
#2	.00193	-.00473	39.278	.09836	.05674	.89459	105.17
#3	.00205	-.00457	39.454	.09828	.05740	.89920	105.70

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.91010	21.218	.06804	-.00908	5.0411	.16921	.80613
Stddev	.00113	.170	.00025	.00021	.0384	.00066	.00165
%RSD	.12407	.79996	.36084	2.3611	.76207	.38992	.20428

#1	.91006	21.034	.06832	-.00895	4.9998	.16866	.80498
#2	.91125	21.368	.06789	-.00932	5.0477	.16903	.80539
#3	.90899	21.252	.06789	-.00896	5.0758	.16995	.80802

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0899	-.00067	.09720	1.4300	2.6447	-.00170	1.2914
Stddev	.0494	.00022	.00990	.0083	.0404	.00099	.0028
%RSD	.81085	33.126	10.182	.58011	1.5272	58.307	.21549

#1	6.0339	-.00042	.09874	1.4292	2.6833	-.00061	1.2934
#2	6.1086	-.00082	.08662	1.4221	2.6027	-.00256	1.2882
#3	6.1273	-.00079	.10624	1.4386	2.6481	-.00194	1.2925

Sample Name: K2667-01 Acquired: 5/3/2019 16:23:33 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SP-1-A Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03020	6.156	-.00328	2.0075	F<.00000
Stddev	.00085	.034	.00025	.1309	.88556
%RSD	2.8115	.5533	7.6956	6.5188	2.0793
#1	.02935	6.141	-.00300	2.1396	-42.429
#2	.03022	6.131	-.00350	2.0051	-41.795
#3	.03104	6.195	-.00335	1.8779	-43.544
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4359.7	55712.	6364.4	89.783	4388.2
Stddev	5.9	28.	43.8	2.157	6.5
%RSD	.13568	.05011	.68849	2.4030	.14897
#1	4352.8	55721.	6315.5	90.466	4382.9
#2	4362.9	55681.	6400.2	91.515	4395.5
#3	4363.3	55734.	6377.3	87.366	4386.2

Sample Name: K2667-03 Acquired: 5/3/2019 16:27:57 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SP-1-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01600	-.00077	.12001	.01492	.00124	56.673	.12465
Stddev	.00135	.00025	.00055	.00379	.00207	.137	.00072
%RSD	8.4380	32.516	.45554	25.388	166.75	.24131	.58038

#1	.01746	-.00096	.12043	.01056	.00267	56.607	.12399
#2	.01574	-.00086	.12021	.01678	.00220	56.582	.12452
#3	.01480	-.00049	.11939	.01742	-.00114	56.831	.12542

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00213	-.00468	38.765	.08210	.06356	.75003	121.44
Stddev	.00010	.00009	.335	.00037	.00044	.00128	.71
%RSD	4.8262	1.9345	.86380	.45414	.69997	.17065	.58182

#1	.00211	-.00466	38.717	.08234	.06351	.74955	121.13
#2	.00204	-.00459	39.122	.08167	.06315	.74907	120.94
#3	.00225	-.00477	38.457	.08229	.06404	.75148	122.25

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.94714	27.420	.07132	-.01021	4.7936	.22991	.82919
Stddev	.00037	.289	.00045	.00019	.0445	.00023	.00038
%RSD	.03879	1.0538	.63678	1.8317	.92890	.10106	.04618

#1	.94753	27.321	.07156	-.01041	4.7952	.23008	.82928
#2	.94680	27.194	.07080	-.01003	4.7483	.23000	.82952
#3	.94709	27.746	.07161	-.01019	4.8373	.22964	.82877

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1606	-.00041	.20292	1.3420	2.1978	-.00105	1.4585
Stddev	.0418	.00063	.01120	.0034	.0545	.00032	.0114
%RSD	.81025	154.81	5.5214	.24994	2.4786	30.431	.78415

#1	5.1332	.00028	.19481	1.3456	2.2216	-.00093	1.4514
#2	5.1398	-.00095	.21570	1.3389	2.2363	-.00142	1.4717
#3	5.2087	-.00055	.19823	1.3414	2.1355	-.00081	1.4524

Sample Name: K2667-03 Acquired: 5/3/2019 16:27:57 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SP-1-B Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03093	6.278	-.01136	1.9829	F<.00000
Stddev	.00113	.032	.00102	.1305	1.5344
%RSD	3.6464	.5031	8.9545	6.5834	3.0859
#1	.03026	6.314	-.01069	2.1168	-49.532
#2	.03029	6.265	-.01085	1.8560	-51.346
#3	.03223	6.255	-.01253	1.9758	-48.295
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4369.8	55792.	6405.2	89.789	4358.3
Stddev	1.0	127.	58.8	1.942	1.4
%RSD	.02199	.22762	.91792	2.1624	.03244
#1	4370.9	55768.	6391.8	87.690	4358.0
#2	4369.2	55930.	6354.3	90.157	4359.8
#3	4369.3	55679.	6469.5	91.520	4357.0

Sample Name: K2668-01 Acquired: 5/3/2019 16:32:19 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05457	-.00556	.04915	.02224	.00121	86.816	.38799
Stddev	.00149	.00070	.00271	.00226	.00165	.692	.00230
%RSD	2.7282	12.587	5.5049	10.160	136.06	.79697	.59166

#1	.05395	-.00487	.04936	.01965	.00244	87.397	.38921
#2	.05350	-.00556	.04635	.02380	-.00066	86.051	.38535
#3	.05627	-.00627	.05175	.02329	.00186	87.000	.38943

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00725	-.00753	35.082	.17465	.10330	1.1303	224.54
Stddev	.00015	.00021	.063	.00094	.00031	.0047	1.06
%RSD	2.0756	2.8287	.18081	.53540	.29575	.41616	.46990

#1	.00714	-.00777	35.121	.17433	.10365	1.1249	225.72
#2	.00719	-.00737	35.008	.17392	.10308	1.1324	224.21
#3	.00742	-.00746	35.116	.17571	.10318	1.1335	223.68

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5430	39.709	.10890	-.02394	3.7855	.37549	.41557
Stddev	.0034	.210	.00002	.00054	.0160	.00107	.00024
%RSD	.13317	.52767	.02240	2.2401	.42350	.28466	.05798

#1	2.5391	39.752	.10892	-.02358	3.8003	.37428	.41535
#2	2.5449	39.481	.10891	-.02368	3.7685	.37630	.41583
#3	2.5450	39.893	.10887	-.02455	3.7877	.37590	.41554

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.220	-.00044	.16083	.47197	1.5306	.00495	3.2125
Stddev	.092	.00022	.00703	.00423	.0104	.00009	.0195
%RSD	.39457	50.224	4.3729	.89593	.68170	1.7623	.60574

#1	23.280	-.00056	.16471	.47669	1.5214	.00496	3.2009
#2	23.115	-.00057	.16508	.47069	1.5285	.00486	3.2016
#3	23.266	-.00018	.15272	.46853	1.5420	.00503	3.2349

Sample Name: K2668-01 Acquired: 5/3/2019 16:32:19 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08740	9.936	-.13546	.15967	F<.00000
Stddev	.00102	.022	.00141	.17027	.86011
%RSD	1.1725	.2255	1.0378	106.64	.72273

#1	.08631	9.952	-.13658	.22558	-119.23
#2	.08835	9.911	-.13591	.28714	-118.06
#3	.08756	9.946	-.13388	-.03370	-119.73

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4546.7	58127.	6704.5	88.319	4231.0
Stddev	10.1	187.	33.3	1.107	3.8
%RSD	.22251	.32166	.49597	1.2536	.08903

#1	4557.9	57915.	6693.2	88.532	4229.7
#2	4544.2	58199.	6678.3	87.121	4235.2
#3	4538.1	58267.	6741.9	89.305	4228.0

Sample Name: K2668-03 Acquired: 5/3/2019 16:36:46 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-2 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04761	.00689	.10347	.02041	.00284	82.905	.29500
Stddev	.00356	.00206	.00240	.00204	.00215	.177	.00093
%RSD	7.4761	29.911	2.3241	9.9970	75.715	.21318	.31446

#1	.04504	.00868	.10111	.02266	.00051	82.799	.29398
#2	.04612	.00464	.10591	.01989	.00474	83.109	.29522
#3	.05167	.00736	.10339	.01867	.00326	82.808	.29580

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00995	-.00643	3.9093	.14773	.06190	.58996	282.11
Stddev	.00005	.00014	.0248	.00021	.00019	.00109	2.01
%RSD	.47929	2.1686	.63456	.14444	.30871	.18558	.71377

#1	.00991	-.00647	3.8809	.14759	.06202	.59108	282.62
#2	.00993	-.00627	3.9269	.14798	.06200	.58989	279.88
#3	.01000	-.00654	3.9200	.14763	.06168	.58889	283.81

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.89988	6.0209	.02205	-.03290	.29240	.81126	.28034
Stddev	.00208	.0638	.00051	.00012	.00993	.00114	.00207
%RSD	.23108	1.0591	2.3189	.36774	3.3975	.14020	.73778

#1	.90074	5.9559	.02264	-.03284	.28218	.81191	.27795
#2	.89750	6.0235	.02173	-.03283	.29299	.80995	.28154
#3	.90139	6.0833	.02179	-.03304	.30202	.81192	.28152

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6842	.00130	.17249	1.2790	3.2489	.00293	.61216
Stddev	.0096	.00004	.00982	.0083	.0357	.00073	.00830
%RSD	.26149	2.7110	5.6959	.65048	1.0973	24.981	1.3561

#1	3.6923	.00126	.17447	1.2748	3.2608	.00295	.60860
#2	3.6867	.00133	.16183	1.2736	3.2088	.00218	.60623
#3	3.6735	.00131	.18117	1.2886	3.2770	.00364	.62165

Sample Name: K2668-03 Acquired: 5/3/2019 16:36:46 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03626	4.059	-.25895	<.00000	F<.00000
Stddev	.00081	.010	.00228	.33727	.88077
%RSD	2.2237	.2504	.88175	7.8094	.45427

#1	.03677	4.071	-.25954	-4.2211	-193.64
#2	.03533	4.055	-.25644	-4.6941	-193.16
#3	.03669	4.053	-.26089	-4.0411	-194.86

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5151.3	65392.	7489.2	86.431	4310.2
Stddev	6.8	103.	9.3	1.373	1.7
%RSD	.13166	.15743	.12445	1.5881	.04058

#1	5147.7	65333.	7480.1	86.257	4312.1
#2	5147.2	65511.	7488.6	85.154	4308.6
#3	5159.2	65332.	7498.7	87.883	4310.0

Sample Name: K2668-05 Acquired: 5/3/2019 16:41:15 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-3 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06909	.00705	.09504	.00858	.00547	99.349	.35999
Stddev	.00289	.00093	.00146	.00264	.00293	.277	.00151
%RSD	4.1878	13.249	1.5364	30.750	53.594	.27908	.41950

#1	.06982	.00804	.09392	.01114	.00857	99.623	.36007
#2	.07155	.00693	.09670	.00587	.00274	99.069	.35844
#3	.06590	.00619	.09451	.00872	.00511	99.354	.36146

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01840	-.00661	4.9070	.30704	.09493	.50004	398.98
Stddev	.00031	.00012	.0636	.00054	.00021	.00071	1.11
%RSD	1.6634	1.7840	1.2958	.17599	.21982	.14194	.27937

#1	.01841	-.00674	4.9058	.30763	.09516	.49923	400.24
#2	.01870	-.00654	4.9712	.30690	.09476	.50034	398.59
#3	.01808	-.00654	4.8440	.30657	.09486	.50055	398.11

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8954	8.0690	.02612	-.05674	.36907	1.0098	.43284
Stddev	.0026	.0643	.00082	.00001	.00334	.0012	.00124
%RSD	.13502	.79715	3.1342	.01114	.90551	.11839	.28712

#1	1.8979	8.1024	.02706	-.05674	.37001	1.0086	.43153
#2	1.8928	7.9949	.02556	-.05675	.36536	1.0098	.43298
#3	1.8953	8.1098	.02575	-.05673	.37184	1.0109	.43401

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5544	.00022	.19907	1.7138	3.1710	.00481	.78880
Stddev	.0379	.00025	.00473	.0033	.0085	.00032	.00352
%RSD	.68285	116.24	2.3763	.19385	.26714	6.6965	.44570

#1	5.5934	.00018	.19371	1.7101	3.1707	.00491	.78536
#2	5.5177	-.00001	.20081	1.7145	3.1796	.00507	.78866
#3	5.5521	.00049	.20268	1.7166	3.1627	.00445	.79239

Sample Name: K2668-05 Acquired: 5/3/2019 16:41:15 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-3 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03880	7.716	-.36913	<.00000	F<.00000
Stddev	.00146	.028	.00131	.17898	.83089
%RSD	3.7692	.3685	.35571	5.3185	.26572

#1	.03715	7.690	-.37058	-3.5438	-313.35
#2	.03933	7.746	-.36878	-3.3660	-312.98
#3	.03993	7.713	-.36803	-3.1858	-311.76

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4819.2	61042.	7050.3	86.762	4238.1
Stddev	1.8	290.	46.2	1.822	2.6
%RSD	.03800	.47479	.65536	2.1004	.06185

#1	4819.8	60708.	7037.9	86.441	4235.2
#2	4820.6	61225.	7011.5	85.121	4240.3
#3	4817.1	61193.	7101.4	88.723	4238.9

Sample Name: K2677-01 Acquired: 5/3/2019 16:45:42 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-EF-01-008 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05234	-.00666	.26067	.01930	.00311	121.85	.88372
Stddev	.00263	.00054	.00152	.00423	.00193	.38	.00403
%RSD	5.0186	8.0692	.58494	21.899	62.112	.31062	.45602

#1	.04938	-.00704	.26231	.01690	.00201	122.25	.88591
#2	.05437	-.00690	.26039	.01682	.00535	121.82	.88619
#3	.05328	-.00605	.25930	.02418	.00198	121.49	.87907

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01445	-.00339	18.500	.30487	.22857	.74072	262.44
Stddev	.00024	.00016	.028	.00123	.00109	.00113	.65
%RSD	1.6570	4.6200	.15267	.40261	.47862	.15304	.24806

#1	.01459	-.00356	18.533	.30345	.22960	.73948	262.98
#2	.01459	-.00324	18.485	.30565	.22868	.74170	262.63
#3	.01418	-.00337	18.483	.30550	.22742	.74099	261.72

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7319	113.53	1.8090	-.02996	1.4835	.41258	1.2494
Stddev	.0066	.19	.0012	.00013	.0024	.00103	.0013
%RSD	.09751	.17117	.06689	.44310	.15980	.25001	.10678

#1	6.7388	113.50	1.8098	-.02982	1.4859	.41326	1.2508
#2	6.7258	113.74	1.8095	-.02998	1.4835	.41140	1.2494
#3	6.7313	113.35	1.8076	-.03009	1.4812	.41309	1.2481

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.897	.00125	.19615	.71438	4.4883	.01495	2.4330
Stddev	.065	.00036	.00723	.00347	.0448	.00050	.0108
%RSD	.46514	28.666	3.6857	.48623	.99891	3.3608	.44463

#1	13.938	.00084	.19654	.71820	4.4414	.01537	2.4454
#2	13.932	.00140	.20318	.71140	4.5307	.01509	2.4252
#3	13.823	.00151	.18873	.71356	4.4929	.01440	2.4285

Sample Name: K2677-01 Acquired: 5/3/2019 16:45:42 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-EF-01-008 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21808	7.052	-.16278	<.00000	F<.00000
Stddev	.00115	.029	.00111	.09196	1.3915
%RSD	.52750	.4187	.67915	5.5855	.81158
#1	.21825	7.059	-.16317	-1.5470	-170.08
#2	.21686	7.076	-.16364	-1.7286	-171.43
#3	.21914	7.019	-.16153	-1.6634	-172.87
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4866.3	62434.	7241.1	84.901	4069.3
Stddev	9.1	250.	29.6	.980	10.3
%RSD	.18669	.40037	.40821	1.1547	.25219
#1	4856.4	62204.	7207.2	83.833	4061.4
#2	4868.1	62399.	7261.6	85.759	4065.6
#3	4874.3	62700.	7254.5	85.112	4080.9

Sample Name: K2551-11 Acquired: 5/3/2019 16:54:52 Type: Unk
Method: P4-ICP2(v3092) 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	.77246	3.9294	2.8293	5.7697	.42243	190.27	14.558
Stddev	.00272	.0077	.0054	.0147	.00112	.83	.035
%RSD	.35214	.19608	.18970	.25413	.26574	.43739	.24120

#1	.77048	3.9337	2.8290	5.7818	.42190	189.32	14.595
#2	.77556	3.9340	2.8241	5.7741	.42167	190.82	14.525
#3	.77134	3.9205	2.8349	5.7534	.42372	190.69	14.553

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 3.0518	3.3814	338.72	F 3.3953	4.9107	3.1698	213.46
Stddev	.0015	.0054	1.01	.0026	.0069	.0035	.78
%RSD	.04888	.15910	.29948	.07750	.14004	.11140	.36429

#1	3.0535	3.3753	339.88	3.3923	4.9027	3.1695	212.62
#2	3.0507	3.3853	338.03	3.3972	4.9146	3.1735	214.15
#3	3.0513	3.3837	338.24	3.3964	4.9147	3.1665	213.62

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1995	120.88	.92525	1.4797	14.964	4.5769	12.078
Stddev	.0118	1.39	.00352	.0008	.073	.0057	.010
%RSD	.12782	1.1483	.38006	.05178	.48896	.12564	.08141

#1	9.1866	119.32	.92261	1.4794	14.898	4.5777	12.072
#2	9.2025	121.98	.92391	1.4792	15.043	4.5708	12.090
#3	9.2095	121.33	.92924	1.4806	14.952	4.5823	12.074

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	37.148	2.8006	4.9630	2.4970	5.4171	2.6144	6.4895
Stddev	.266	.0032	.0578	.0059	.0547	.0025	.0086
%RSD	.71645	.11455	1.1638	.23623	1.0100	.09537	.13196

#1	36.921	2.8021	4.9115	2.5027	5.4774	2.6171	6.4796
#2	37.441	2.8027	5.0254	2.4974	5.3707	2.6122	6.4946
#3	37.083	2.7969	4.9521	2.4910	5.4032	2.6140	6.4942

Sample Name: K2551-11 Acquired: 5/3/2019 16:54:52 Type: Unk
 Method: P4-ICP2(v3092) 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	4.4926	F 14.63	5.0757	2.1069	F<.00000
Stddev	.0289	.11	.0228	.1285	1.3880
%RSD	.64251	.7278	.44872	6.0975	.90439
#1	4.5176	14.70	5.0979	1.9621	-155.03
#2	4.4610	14.68	5.0524	2.1514	-153.05
#3	4.4992	14.51	5.0767	2.2072	-152.35
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4197.9	54248.	6541.5	81.929	3729.5
Stddev	3.6	70.	47.7	1.049	6.3
%RSD	.08544	.12834	.72946	1.2801	.16793
#1	4201.9	54323.	6496.0	83.117	3736.7
#2	4195.1	54186.	6591.2	81.129	3726.6
#3	4196.6	54234.	6537.3	81.542	3725.2

Sample Name: CCV06 Acquired: 5/3/2019 17:04:04 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9846	5.1116	5.0109	5.0574	4.9996	9.7239	9.9737	.25213
Stddev	.0179	.0194	.0039	.0127	.0043	.0155	.0833	.00130
%RSD	.35949	.37868	.07779	.25024	.08498	.15951	.83553	.51460

#1	4.9965	5.1240	5.0076	5.0716	5.0009	9.7162	9.8904	.25076
#2	4.9933	5.1215	5.0152	5.0535	5.0031	9.7138	10.057	.25229
#3	4.9640	5.0893	5.0099	5.0472	4.9949	9.7418	9.9736	.25334

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5193	26.025	1.0200	2.5061	1.2674	5.1110	2.5904	24.995
Stddev	.0040	.157	.0025	.0032	.0002	.0040	.0043	.090
%RSD	.15761	.60371	.24194	.12646	.01841	.07789	.16423	.36012

#1	2.5165	25.844	1.0179	2.5046	1.2671	5.1068	2.5856	24.904
#2	2.5238	26.111	1.0192	2.5098	1.2676	5.1147	2.5917	25.084
#3	2.5175	26.121	1.0227	2.5040	1.2674	5.1115	2.5938	24.997

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5362	1.2458	25.157	2.5862	2.4956	24.903	5.0500	5.0061
Stddev	.0009	.0024	.065	.0027	.0055	.114	.0041	.0059
%RSD	.03495	.19133	.25874	.10595	.22052	.45882	.08115	.11757

#1	2.5362	1.2430	25.165	2.5832	2.4921	24.898	5.0474	5.0074
#2	2.5371	1.2473	25.217	2.5870	2.5020	25.020	5.0547	4.9997
#3	2.5354	1.2471	25.088	2.5885	2.4928	24.791	5.0480	5.0112

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9708	5.1951	5.0281	5.1014	5.0331	5.154	5.2073	4.6381
Stddev	.0208	.0459	.0117	.0167	.0136	.017	.0261	.0751
%RSD	.41805	.88389	.23249	.32655	.26928	.3379	.50094	1.6197

#1	4.9879	5.1432	5.0201	5.0825	5.0176	5.169	5.1823	4.5549
#2	4.9768	5.2120	5.0415	5.1139	5.0392	5.157	5.2344	4.7008
#3	4.9477	5.2303	5.0226	5.1077	5.0426	5.135	5.2052	4.6587

Sample Name: CCV06 Acquired: 5/3/2019 17:04:04 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .15365
Stddev	.27826
%RSD	181.10

#1	.46864
#2	-.05873
#3	.05104

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4003.2	51074.	5742.5	85.607	4158.4
Stddev	7.6	128.	46.6	.522	9.8
%RSD	.18996	.24981	.81232	.60981	.23531

#1	4008.4	51094.	5794.5	85.883	4165.3
#2	3994.5	50937.	5704.4	85.005	4147.2
#3	4006.8	51190.	5728.6	85.933	4162.6

Sample Name: CCB06 Acquired: 5/3/2019 17:08:13 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00195	.00045	.00225	.00360	-.00001	-.00203	.00048
Stddev	.00279	.00100	.00017	.00051	.00120	.01314	.00052
%RSD	143.02	221.29	7.4588	14.033	15851.	648.76	108.24

#1	.00373	.00052	.00210	.00377	.00090	.01039	-.00010
#2	.00338	.00141	.00243	.00400	-.00137	-.01579	.00090
#3	-.00126	-.00058	.00223	.00303	.00045	-.00067	.00066

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00005	.00821	.00001	-.00021	-.00059	-.00044
Stddev	.00005	.00002	.00359	.00022	.00012	.00037	.00011
%RSD	273.45	34.922	43.802	1546.0	55.689	62.217	25.050

#1	-.00001	-.00006	.00824	.00001	-.00010	-.00029	-.00040
#2	.00003	-.00003	.00459	.00023	-.00019	-.00048	-.00057
#3	-.00007	-.00005	.01178	-.00021	-.00033	-.00100	-.00036

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.04511	-.00035	.00051	-.06460	-.00011	-.00265
Stddev	.00006	.03195	.00020	.00022	.00631	.00018	.00010
%RSD	173.43	70.822	58.447	43.902	9.7649	155.47	3.7881

#1	-.00002	.03508	-.00045	.00066	-.06798	-.00031	-.00253
#2	-.00010	.08087	-.00012	.00061	-.05732	.00001	-.00273
#3	.00002	.01938	-.00049	.00025	-.06849	-.00003	-.00268

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.14029	.00000	.00558	-.00411	.00965	-.00477	.00262
Stddev	.04845	.00024	.00606	.00206	.00256	.00029	.00163
%RSD	34.535	39439.	108.52	50.152	26.565	6.1443	62.180

#1	-.08435	.00026	.00648	-.00203	.01250	-.00444	.00074
#2	-.16792	-.00021	-.00088	-.00416	.00891	-.00489	.00367
#3	-.16861	-.00005	.01113	-.00615	.00754	-.00499	.00344

Sample Name: CCB06 Acquired: 5/3/2019 17:08:13 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00162	.0005	-.00014	F 3.2265	F<.00000
Stddev	.00032	.0010	.00005	.2586	.40971
%RSD	19.699	193.4	33.844	8.0136	23.116

#1	.00151	-.0001	-.00008	3.0701	-1.9709
#2	.00137	-.0000	-.00016	3.5249	-1.3013
#3	.00198	.0017	-.00017	3.0844	-2.0451

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4209.4	53770.	5828.8	89.250	4704.9
Stddev	13.3	130.	53.7	.578	14.0
%RSD	.31696	.24220	.92153	.64817	.29776

#1	4197.6	53661.	5827.3	88.625	4692.9
#2	4206.8	53735.	5883.3	89.767	4701.7
#3	4223.9	53914.	5775.9	89.358	4720.3

Sample Name: K2678-01 Acquired: 5/3/2019 17:12:41 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-0D015-03- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10289	-.02355	.22826	-.00260	.00867	164.90	1.2790
Stddev	.00241	.00095	.00334	.00082	.00276	.05	.0025
%RSD	2.3418	4.0503	1.4612	31.580	31.873	.03123	.19263

#1	.10521	-.02386	.22724	-.00295	.00873	164.92	1.2806
#2	.10305	-.02247	.22555	-.00318	.01141	164.85	1.2762
#3	.10040	-.02430	.23198	-.00166	.00588	164.95	1.2803

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01008	-.00415	1543.7	.29539	.07376	.27299	159.82
Stddev	.00018	.00037	1.0	.00192	.00039	.00074	.48
%RSD	1.7393	9.0051	.06500	.65082	.52932	.26972	.30040

#1	.00990	-.00457	1542.7	.29318	.07421	.27225	159.91
#2	.01025	-.00400	1544.7	.29659	.07361	.27372	160.24
#3	.01007	-.00387	1543.7	.29642	.07347	.27302	159.30

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3135	167.03	.18387	-.02401	9.2790	.36476	1.2258
Stddev	.0052	.60	.00068	.00041	.0050	.00259	.0014
%RSD	.15753	.35853	.36746	1.7071	.05391	.71106	.11399

#1	3.3155	166.70	.18310	-.02418	9.2829	.36178	1.2262
#2	3.3076	166.67	.18414	-.02354	9.2734	.36596	1.2269
#3	3.3175	167.72	.18437	-.02431	9.2808	.36653	1.2242

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.553	.01037	.32399	F 52.512	.75375	.00112	7.0365
Stddev	.056	.00049	.01191	.174	.00777	.00110	.0329
%RSD	.15691	4.7502	3.6758	.33109	1.0306	98.274	.46758

#1	35.525	.01027	.32360	52.650	.75425	.00006	7.0357
#2	35.516	.01091	.31229	52.569	.74575	.00104	7.0040
#3	35.617	.00994	.33610	52.316	.76126	.00225	7.0698

Sample Name: K2678-01 Acquired: 5/3/2019 17:12:41 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-0D015-03- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.32600	6.159	5.2758	4.8811	F<.00000
Stddev	.00098	.018	.0102	.1449	1.6683
%RSD	.30026	.2876	.19360	2.9680	3.0680
#1	.32540	6.168	5.2830	5.0365	-55.738
#2	.32548	6.170	5.2641	4.8569	-52.515
#3	.32713	6.139	5.2803	4.7498	-54.875
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3778.3	48052.	6098.6	78.482	3396.3
Stddev	6.0	86.	12.3	.374	4.1
%RSD	.15836	.17832	.20201	.47693	.12124
#1	3776.3	47995.	6084.4	78.706	3393.8
#2	3773.6	48010.	6104.6	78.690	3394.1
#3	3785.0	48150.	6106.8	78.050	3401.1

Sample Name: K2551-11DLX2 Acquired: 5/3/2019 17:17:16 Type: Unk
Method: P4-ICP2(v3092) 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	.40905	2.0268	1.4423	3.0849	.22150	97.917	7.5362
Stddev	.00090	.0050	.0028	.0011	.00135	.552	.0274
%RSD	.21996	.24496	.19519	.03667	.60794	.56379	.36373

#1	.40879	2.0260	1.4391	3.0857	.22283	98.541	7.5675
#2	.41005	2.0222	1.4430	3.0836	.22151	97.492	7.5248
#3	.40831	2.0321	1.4446	3.0853	.22014	97.718	7.5164

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.5968	1.7099	183.27	1.8392	2.4738	1.7347	124.87
Stddev	.0031	.0026	.73	.0050	.0012	.0022	2.11
%RSD	.19249	.14991	.39908	.27357	.04893	.12992	1.6887

#1	1.5994	1.7106	183.05	1.8449	2.4727	1.7351	126.13
#2	1.5976	1.7120	184.08	1.8372	2.4751	1.7367	126.04
#3	1.5934	1.7070	182.67	1.8355	2.4736	1.7322	122.44

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0313	63.028	.46502	.77629	7.6203	2.4306	6.1800
Stddev	.0810	.188	.00213	.00277	.0308	.0022	.0057
%RSD	1.6095	.29770	.45822	.35712	.40489	.09247	.09248

#1	5.1163	63.193	.46355	.77728	7.6545	2.4332	6.1814
#2	5.0225	62.824	.46404	.77843	7.6119	2.4296	6.1849
#3	4.9550	63.067	.46746	.77316	7.5945	2.4290	6.1737

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.849	1.5050	2.5816	1.2300	2.8628	1.3141	3.4871
Stddev	.037	.0026	.0361	.0036	.0523	.0022	.0170
%RSD	.19460	.17270	1.3988	.28833	1.8264	.16560	.48798

#1	18.807	1.5077	2.6206	1.2283	2.8887	1.3166	3.4954
#2	18.867	1.5046	2.5747	1.2275	2.8026	1.3127	3.4983
#3	18.873	1.5026	2.5494	1.2340	2.8971	1.3130	3.4675

Sample Name: K2551-11DLX2 Acquired: 5/3/2019 17:17:16 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	2.4171	7.281	2.7440	3.0720	F<.00000
Stddev	.0174	.025	.0094	.1143	1.2251
%RSD	.71931	.3464	.34332	3.7214	1.6987

#1	2.4361	7.266	2.7492	3.1904	-72.281
#2	2.4131	7.268	2.7497	2.9623	-73.251
#3	2.4020	7.310	2.7331	3.0633	-70.818

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4111.9	52493.	6075.5	81.643	3958.3
Stddev	9.6	296.	41.0	1.940	9.0
%RSD	.23428	.56364	.67484	2.3767	.22695

#1	4105.6	52169.	6054.8	83.798	3956.2
#2	4107.1	52560.	6049.0	80.035	3950.6
#3	4123.0	52749.	6122.7	81.097	3968.2

Sample Name: K2551-11DL2X10 Acquired: 5/3/2019 17:21:44 Type: Unk
Method: P4-ICP2(v3092) 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	.08500	.41728	.28890	.65140	.04287	19.911	1.5304
Stddev	.00052	.00125	.00064	.00383	.00093	.072	.0055
%RSD	.61530	.29988	.22022	.58779	2.1690	.36202	.36041

#1	.08501	.41651	.28848	.64698	.04390	19.876	1.5283
#2	.08552	.41873	.28860	.65352	.04261	19.994	1.5367
#3	.08448	.41661	.28963	.65371	.04209	19.863	1.5263

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32818	.33726	39.500	.39728	.49400	.38155	28.762
Stddev	.00062	.00067	.080	.00044	.00105	.00169	.035
%RSD	.18940	.19737	.20311	.11100	.21227	.44376	.12164

#1	.32763	.33781	39.528	.39752	.49306	.37973	28.797
#2	.32886	.33652	39.563	.39754	.49381	.38184	28.727
#3	.32806	.33747	39.410	.39677	.49513	.38307	28.762

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1027	13.308	.09116	.16205	1.5031	.51603	1.1996
Stddev	.0021	.060	.00070	.00032	.0114	.00095	.0026
%RSD	.19216	.44946	.77313	.19750	.75731	.18397	.21684

#1	1.1044	13.246	.09040	.16175	1.4906	.51707	1.1997
#2	1.1003	13.365	.09179	.16201	1.5060	.51583	1.1970
#3	1.1033	13.311	.09129	.16239	1.5128	.51520	1.2022

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7607	.32065	.52703	.23193	.65219	.25482	.73995
Stddev	.0374	.00091	.01469	.00391	.00399	.00026	.00191
%RSD	.99466	.28397	2.7871	1.6847	.61247	.10294	.25832

#1	3.7254	.31961	.51028	.23550	.65444	.25455	.74084
#2	3.7567	.32127	.53309	.23254	.65456	.25507	.73776
#3	3.7999	.32108	.53772	.22775	.64758	.25486	.74126

Sample Name: K2551-11DL2X10 Acquired: 5/3/2019 17:21:44 Type: Unk
 Method: P4-ICP2(v3092) 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	.50567	1.385	.57615	3.7164	F<.00000
Stddev	.00048	.001	.00134	.1567	.23677
%RSD	.09402	.0366	.23266	4.2154	2.2977

#1	.50513	1.385	.57728	3.8969	-10.176
#2	.50588	1.385	.57650	3.6154	-10.578
#3	.50600	1.386	.57467	3.6369	-10.160

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4134.2	52337.	5861.6	86.752	4377.7
Stddev	6.3	151.	17.1	.644	7.2
%RSD	.15321	.28818	.29115	.74195	.16412

#1	4131.3	52281.	5843.7	87.272	4370.3
#2	4129.8	52222.	5863.4	86.032	4384.7
#3	4141.4	52507.	5877.6	86.953	4378.1

Sample Name: K2622-01 Acquired: 5/3/2019 17:25:53 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TH-4-30-DI-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00062	-.00011	-.00164	.00275	-.00206	.10517	.00285
Stddev	.00108	.00105	.00057	.00098	.00097	.00207	.00040
%RSD	174.91	997.68	34.874	35.561	47.164	1.9729	14.183

#1	-.00063	.00103	-.00139	.00256	-.00250	.10628	.00241
#2	.00047	-.00106	-.00230	.00189	-.00275	.10646	.00295
#3	-.00170	-.00029	-.00124	.00382	-.00095	.10278	.00321

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00001	.30853	.00029	-.00019	.00376	.00735
Stddev	.00001	.00004	.01556	.00018	.00016	.00049	.00009
%RSD	65.617	282.65	5.0423	63.017	80.096	12.980	1.2213

#1	-.00002	-.00004	.30700	.00050	-.00002	.00348	.00734
#2	-.00003	-.00004	.32479	.00023	-.00031	.00348	.00744
#3	-.00000	.00003	.29379	.00015	-.00026	.00433	.00727

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00054	.19556	.00119	-.00023	-.03662	-.00002	.14130
Stddev	.00002	.03272	.00040	.00015	.00934	.00009	.00019
%RSD	4.2509	16.730	33.216	63.968	25.502	403.30	.13256

#1	.00056	.23248	.00074	-.00028	-.02956	.00001	.14146
#2	.00052	.18403	.00148	-.00036	-.03309	.00005	.14135
#3	.00055	.17017	.00136	-.00007	-.04721	-.00012	.14109

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.14971	-.00058	.00111	.01240	.02412	-.00786	.00204
Stddev	.05344	.00009	.01116	.00367	.00162	.00024	.00140
%RSD	35.692	15.794	1000.9	29.597	6.7232	3.1134	68.630

#1	-.19983	-.00061	.01292	.01365	.02313	-.00787	.00267
#2	-.15584	-.00066	-.00031	.00827	.02324	-.00762	.00043
#3	-.09348	-.00048	-.00926	.01529	.02599	-.00811	.00300

Sample Name: K2622-01 Acquired: 5/3/2019 17:25:53 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TH-4-30-DI-1 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00790	.0051	.00096	1.3633	F<.00000
Stddev	.00111	.0016	.00006	.0723	.16034
%RSD	13.984	31.93	6.6576	5.3029	6.9882

#1	-.00903	.0068	.00089	1.4070	-2.1368
#2	-.00785	.0050	.00097	1.4031	-2.4573
#3	-.00683	.0036	.00102	1.2799	-2.2890

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4431.5	57138.	6136.9	95.247	5018.3
Stddev	4.6	216.	17.5	1.625	4.7
%RSD	.10337	.37721	.28562	1.7059	.09348

#1	4435.3	57328.	6117.2	96.667	5023.3
#2	4432.8	56904.	6142.8	93.475	5014.0
#3	4426.4	57182.	6150.8	95.600	5017.6

Sample Name: K2622-02 Acquired: 5/3/2019 17:30:20 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TH-4-30-DI-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00076	-.00154	.00027	-.00106	.04190	.00133
Stddev	.00335	.00102	.00046	.00304	.00057	.00813	.00045
%RSD	5580.0	134.17	29.549	1125.1	53.299	19.402	34.021

#1	-.00306	.00170	-.00111	.00353	-.00049	.04209	.00185
#2	-.00037	-.00033	-.00151	-.00024	-.00162	.03368	.00101
#3	.00361	.00091	-.00202	-.00248	-.00107	.04993	.00113

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00005	.15975	.00042	-.00015	.00325	.00280
Stddev	.00006	.00004	.00904	.00026	.00009	.00016	.00011
%RSD	172.30	85.156	5.6570	62.572	63.977	4.7816	3.9372

#1	-.00010	.00010	.14983	.00017	-.00024	.00314	.00273
#2	.00002	.00005	.16752	.00039	-.00015	.00319	.00275
#3	-.00002	.00001	.16188	.00069	-.00005	.00343	.00293

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00032	.08695	.00094	-.00031	-.08601	-.00030	.06223
Stddev	.00003	.01671	.00035	.00030	.00504	.00042	.00016
%RSD	7.9769	19.214	36.948	97.429	5.8635	138.14	.26296

#1	.00029	.10029	.00124	-.00049	-.08941	-.00027	.06224
#2	.00034	.09235	.00102	.00004	-.08022	-.00074	.06207
#3	.00031	.06821	.00056	-.00047	-.08841	.00010	.06240

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.14309	-.00038	-.00680	.00875	.02963	-.00820	.00146
Stddev	.03898	.00019	.00794	.00130	.00168	.00044	.00064
%RSD	27.242	48.942	116.63	14.819	5.6828	5.3826	44.127

#1	-.16705	-.00019	-.01495	.00726	.03126	-.00769	.00217
#2	-.16412	-.00039	-.00637	.00963	.02790	-.00843	.00129
#3	-.09811	-.00057	.00091	.00935	.02973	-.00848	.00091

Sample Name: K2622-02 Acquired: 5/3/2019 17:30:20 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TH-4-30-DI-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00809	.0025	.00039	1.7795	F<.00000
Stddev	.00128	.0004	.00003	.2206	.31861
%RSD	15.817	15.96	7.6602	12.397	12.223

#1	-.00661	.0020	.00039	1.5588	-2.3311
#2	-.00885	.0027	.00036	1.7795	-2.5334
#3	-.00881	.0028	.00042	2.0000	-2.9555

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4354.5	56050.	6134.2	94.556	4915.1
Stddev	4.8	165.	73.4	2.725	9.3
%RSD	.11072	.29426	1.1961	2.8817	.18922

#1	4358.6	55903.	6136.5	96.650	4917.7
#2	4355.9	56019.	6059.7	91.475	4922.7
#3	4349.2	56228.	6206.4	95.542	4904.7

Sample Name: K2622-03 Acquired: 5/3/2019 17:34:47 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TH-4-30-DI-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00249	-.00027	-.00200	.00358	-.00140	.02375	.00099
Stddev	.00163	.00043	.00125	.00070	.00082	.00404	.00041
%RSD	65.263	159.29	62.544	19.480	58.151	16.988	41.502

#1	.00111	.00023	-.00083	.00307	-.00132	.02249	.00118
#2	.00429	-.00049	-.00186	.00437	-.00063	.02827	.00052
#3	.00208	-.00055	-.00332	.00329	-.00226	.02050	.00127

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00002	.10010	.00040	-.00014	.00326	.00048
Stddev	.00004	.00003	.00431	.00047	.00006	.00015	.00047
%RSD	80.060	130.78	4.3035	119.98	41.525	4.6518	99.210

#1	-.00001	-.00001	.09530	.00060	-.00018	.00320	.00017
#2	-.00009	-.00000	.10137	.00074	-.00007	.00316	.00102
#3	-.00005	-.00005	.10363	-.00015	-.00016	.00344	.00024

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00033	.01948	.00106	-.00017	-.09594	-.00002	.04461
Stddev	.00005	.04784	.00030	.00048	.00224	.00018	.00010
%RSD	14.914	245.54	28.383	280.55	2.3374	750.56	.22181

#1	.00027	-.00717	.00138	.00037	-.09517	-.00022	.04452
#2	.00034	-.00910	.00079	-.00054	-.09846	.00014	.04472
#3	.00036	.07471	.00101	-.00035	-.09418	.00001	.04460

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.14603	-.00061	-.01102	.00333	.02279	-.00753	.00141
Stddev	.04016	.00008	.00466	.00129	.00071	.00048	.00257
%RSD	27.500	13.371	42.327	38.611	3.1048	6.3634	181.81

#1	-.10165	-.00066	-.00590	.00223	.02339	-.00734	-.00154
#2	-.15660	-.00052	-.01502	.00475	.02297	-.00807	.00270
#3	-.17985	-.00066	-.01213	.00301	.02201	-.00717	.00308

Sample Name: K2622-03 Acquired: 5/3/2019 17:34:47 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TH-4-30-DI-3 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00741	.0019	.00025	1.7430	F<.00000
Stddev	.00035	.0004	.00011	.1447	.38790
%RSD	4.7857	21.32	42.907	8.3037	12.218

#1	-0.00713	.0019	.00034	1.5848	-3.6055
#2	-0.00730	.0022	.00026	1.7753	-3.0663
#3	-0.00781	.0014	.00013	1.8688	-2.8528

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4388.3	56245.	6170.5	93.161	4955.6
Stddev	14.8	211.	49.0	1.820	13.0
%RSD	.33810	.37493	.79329	1.9537	.26160

#1	4379.2	56129.	6139.0	92.583	4946.1
#2	4380.3	56118.	6145.7	91.700	4950.4
#3	4405.4	56489.	6226.9	95.200	4970.4

Sample Name: K2622-04 Acquired: 5/3/2019 17:39:14 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TH-4-04-DI-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00127	-.00144	.00346	-.00080	-.00645	.00066
Stddev	.00113	.00100	.00018	.00381	.00067	.00319	.00040
%RSD	2929.6	78.235	12.681	110.31	84.006	49.484	61.544

#1	-.00054	.00101	-.00123	.00144	-.00014	-.00447	.00108
#2	-.00083	.00238	-.00155	.00785	-.00078	-.01014	.00028
#3	.00126	.00043	-.00154	.00107	-.00149	-.00475	.00061

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00003	.04199	-.00005	-.00020	.00283	.00038
Stddev	.00004	.00003	.00371	.00024	.00029	.00017	.00035
%RSD	86.277	113.56	8.8262	497.93	147.56	5.8435	91.867

#1	-.00006	.00001	.04363	-.00007	.00011	.00265	.00031
#2	-.00000	-.00006	.03775	-.00028	-.00024	.00296	.00077
#3	-.00007	-.00005	.04459	.00020	-.00047	.00288	.00008

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00043	.02757	.00084	.00000	-.05711	.00050	.00073
Stddev	.00004	.00770	.00017	.00036	.00586	.00026	.00007
%RSD	9.9029	27.941	19.901	29776.	10.255	51.621	9.2638

#1	.00040	.02218	.00103	.00037	-.05146	.00073	.00065
#2	.00043	.02413	.00074	-.00036	-.05672	.00055	.00077
#3	.00048	.03639	.00074	-.00000	-.06316	.00022	.00076

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.16832	-.00051	.00444	.00194	.02354	-.00771	.00217
Stddev	.01640	.00015	.00841	.00163	.00140	.00097	.00085
%RSD	9.7408	28.780	189.27	84.212	5.9421	12.590	39.098

#1	-.18105	-.00068	.01344	.00326	.02276	-.00720	.00225
#2	-.14982	-.00044	-.00322	.00012	.02515	-.00882	.00128
#3	-.17408	-.00041	.00311	.00243	.02270	-.00709	.00297

Sample Name: K2622-04 Acquired: 5/3/2019 17:39:14 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TH-4-04-DI-4 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00941	.0022	-0.00004	1.9752	F<.00000
Stddev	.00156	.0008	.00003	.0771	.75011
%RSD	16.595	33.67	71.174	3.9040	29.176

#1	-0.01119	.0015	-0.00007	2.0622	-1.9997
#2	-0.00877	.0030	-0.00001	1.9155	-2.2928
#3	-0.00827	.0023	-0.00004	1.9479	-3.4204

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4359.4	56180.	6111.2	95.136	4936.7
Stddev	4.1	125.	38.5	1.230	7.1
%RSD	.09450	.22289	.62988	1.2925	.14389

#1	4362.2	56066.	6139.1	96.517	4942.9
#2	4361.2	56314.	6067.3	94.158	4938.1
#3	4354.6	56159.	6127.2	94.733	4929.0

Sample Name: K2629-01 Acquired: 5/3/2019 17:43:42 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 020-OUTFALL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00611	-.00005	.02297	.01971	-.00025	9.1114	.36188	.00043
Stddev	.00030	.00042	.00087	.00443	.00212	.0287	.00313	.00004
%RSD	4.9547	883.78	3.7848	22.462	842.19	.31541	.86435	8.8976
#1	.00618	-.00011	.02262	.02351	.00197	9.0922	.36068	.00044
#2	.00637	.00040	.02396	.01485	-.00225	9.0975	.36542	.00039
#3	.00578	-.00043	.02233	.02076	-.00047	9.1444	.35952	.00047
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00068	122.47	.00828	.00660	.05051	13.600	.41988	26.616
Stddev	.00014	.53	.00018	.00008	.00041	.017	.00085	.125
%RSD	20.168	.43040	2.1432	1.1769	.80886	.12198	.20269	.47085
#1	-.00084	122.03	.00821	.00655	.05004	13.600	.41975	26.476
#2	-.00059	123.05	.00849	.00655	.05068	13.617	.42078	26.652
#3	-.00061	122.32	.00816	.00669	.05080	13.583	.41910	26.718
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01728	-.00192	211.53	.02230	.94450	6.7016	.00913	.19740
Stddev	.00006	.00018	2.45	.00022	.00159	.0347	.00037	.01319
%RSD	.34061	9.1523	1.1571	1.0019	.16876	.51721	4.0002	6.6797
#1	.01722	-.00212	212.16	.02237	.94557	6.7350	.00937	.18312
#2	.01729	-.00186	213.60	.02205	.94525	6.6658	.00931	.19996
#3	.01734	-.00179	208.83	.02248	.94266	6.7039	.00871	.20911
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 68.731	F 16.594	-.03189	.27222	.04538	.6587	1.0967	4.3297
Stddev	.219	.033	.00010	.00276	.00218	.0033	.0048	.2681
%RSD	.31792	.19676	.32256	1.0131	4.8020	.5048	.43775	6.1924
#1	68.968	16.573	-.03179	.26917	.04693	.6591	1.0935	4.5524
#2	68.688	16.579	-.03190	.27297	.04289	.6619	1.1022	4.4046
#3	68.538	16.632	-.03199	.27453	.04633	.6552	1.0945	4.0321

Sample Name: K2629-01 Acquired: 5/3/2019 17:43:42 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 020-OUTFALL Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.1582
Stddev	.6926
%RSD	32.094

#1	2.5694
#2	1.3585
#3	2.5466

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3962.5	50570.	5871.0	89.334	4102.4
Stddev	4.5	182.	14.7	2.829	4.1
%RSD	.11268	.35940	.25042	3.1667	.09931

#1	3957.5	50447.	5856.4	90.479	4098.1
#2	3966.2	50485.	5870.7	86.112	4102.7
#3	3963.7	50779.	5885.8	91.410	4106.3

Sample Name: K2630-01 Acquired: 5/3/2019 17:48:10 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 025-OUTFALL Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00267	.00045	.00892	.00646	-.00211	2.6499	.13511
Stddev	.00164	.00039	.00141	.00045	.00042	.0232	.00109
%RSD	61.188	87.023	15.815	6.9264	19.834	.87408	.80856

#1	.00435	.00013	.00881	.00667	-.00240	2.6321	.13391
#2	.00260	.00033	.00758	.00677	-.00230	2.6414	.13605
#3	.00107	.00089	.01039	.00595	-.00163	2.6761	.13536

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	-.00020	38.204	.00343	.00206	.02305	3.8792
Stddev	.00004	.00004	.096	.00012	.00019	.00028	.0029
%RSD	30.602	20.298	.25077	3.4770	9.2752	1.1998	.07388

#1	.00014	-.00018	38.184	.00354	.00198	.02316	3.8780
#2	.00010	-.00024	38.120	.00345	.00227	.02274	3.8772
#3	.00019	-.00017	38.308	.00331	.00192	.02325	3.8825

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14191	6.2759	.00510	-.00061	25.948	.00954	.99275
Stddev	.00062	.0359	.00062	.00026	.137	.00011	.00054
%RSD	.43793	.57127	12.222	42.762	.52957	1.1273	.05480

#1	.14129	6.2527	.00529	-.00080	25.822	.00941	.99285
#2	.14190	6.2579	.00440	-.00072	26.095	.00962	.99216
#3	.14254	6.3172	.00560	-.00031	25.928	.00958	.99324

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4311	.00257	.06153	F 12.880	5.5326	-.01185	.07453
Stddev	.0383	.00032	.00365	.046	.0228	.00031	.00052
%RSD	.86464	12.412	5.9297	.35385	.41206	2.6334	.69314

#1	4.4045	.00222	.05875	12.828	5.5588	-.01156	.07403
#2	4.4750	.00284	.06016	12.900	5.5173	-.01218	.07451
#3	4.4137	.00264	.06566	12.913	5.5216	-.01180	.07506

Sample Name: K2630-01 Acquired: 5/3/2019 17:48:10 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 025-OUTFALL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02084	.3917	.22285	2.5487	F<.00000
Stddev	.00067	.0027	.00125	.1957	.36054
%RSD	3.2379	.6791	.56039	7.6774	35.096

#1	.02060	.3887	.22284	2.4839	-1.3211
#2	.02160	.3938	.22161	2.3935	-.62496
#3	.02032	.3926	.22411	2.7685	-1.1358

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4188.4	53684.	6051.5	93.466	4584.0
Stddev	8.1	71.	38.3	.648	3.2
%RSD	.19252	.13187	.63213	.69303	.07027

#1	4191.4	53744.	6016.0	92.973	4581.0
#2	4179.3	53702.	6092.0	94.200	4583.5
#3	4194.5	53606.	6046.5	93.225	4587.4

Sample Name: K2632-01 Acquired: 5/3/2019 17:52:29 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MINI-CELL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00052	.00327	.00450	-.00035	.03727	.00384
Stddev	.00084	.00083	.00042	.00179	.00065	.00380	.00042
%RSD	44533.	159.92	12.778	39.861	186.99	10.207	10.857

#1	-.00020	.00133	.00279	.00315	.00035	.03729	.00402
#2	.00092	.00055	.00352	.00382	-.00094	.03345	.00336
#3	-.00073	-.00032	.00351	.00654	-.00045	.04106	.00413

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00001	.13095	.00083	-.00006	.09657	.02012
Stddev	.00003	.00006	.00643	.00010	.00016	.00063	.00034
%RSD	34.620	407.30	4.9110	12.489	281.03	.64825	1.7007

#1	-.00010	.00008	.13697	.00082	-.00024	.09727	.02041
#2	-.00006	-.00003	.12418	.00074	-.00001	.09607	.02020
#3	-.00006	-.00001	.13169	.00094	.00007	.09638	.01974

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01016	.02777	.00396	-.00058	.07312	-.00028	.05311
Stddev	.00007	.04425	.00041	.00064	.00829	.00029	.00004
%RSD	.72264	159.37	10.411	110.76	11.342	103.15	.06918

#1	.01011	-.01390	.00351	-.00090	.07587	.00005	.05315
#2	.01012	.07422	.00431	.00016	.07969	-.00046	.05310
#3	.01024	.02298	.00407	-.00100	.06380	-.00043	.05307

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.13771	-.00049	.00344	.02243	.08821	-.00807	.00041
Stddev	.00445	.00029	.00573	.00127	.00170	.00045	.00024
%RSD	3.2319	59.209	166.41	5.6684	1.9321	5.5742	59.688

#1	-.13758	-.00024	-.00246	.02325	.08988	-.00797	.00055
#2	-.13332	-.00042	.00380	.02307	.08828	-.00768	.00055
#3	-.14222	-.00081	.00898	.02096	.08648	-.00856	.00013

Sample Name: K2632-01 Acquired: 5/3/2019 17:52:29 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MINI-CELL Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00786	.0007	.00021	1.7448	F<.00000
Stddev	.00180	.0014	.00002	.1529	.50767
%RSD	22.849	190.3	9.4699	8.7618	17.153

#1	-.00760	.0024	.00023	1.7995	-3.0776
#2	-.00977	.0002	.00019	1.8628	-2.4033
#3	-.00621	-.0003	.00022	1.5721	-3.3978

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4367.0	56340.	6137.9	92.808	4945.1
Stddev	15.9	93.	34.5	1.046	9.4
%RSD	.36488	.16530	.56229	1.1271	.19011

#1	4348.6	56245.	6157.7	93.842	4934.5
#2	4374.6	56431.	6158.0	92.833	4952.6
#3	4377.6	56345.	6098.1	91.750	4948.2

Sample Name: CCV07 Acquired: 5/3/2019 17:56:56 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9360	5.0496	4.9656	5.0115	4.9534	9.6398	9.9958
Stddev	.0147	.0063	.0056	.0094	.0072	.0485	.0283
%RSD	.29854	.12552	.11316	.18829	.14545	.50265	.28296

#1	4.9530	5.0555	4.9595	5.0215	4.9541	9.6588	9.9698
#2	4.9276	5.0429	4.9665	5.0028	4.9459	9.6758	10.026
#3	4.9273	5.0506	4.9707	5.0101	4.9602	9.5847	9.9918

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24967	2.4902	25.715	1.0064	2.4722	1.2566	5.0215
Stddev	.00028	.0025	.181	.0038	.0008	.0042	.0092
%RSD	.11071	.09948	.70227	.38178	.03394	.33705	.18359

#1	.24989	2.4877	25.558	1.0045	2.4721	1.2586	5.0294
#2	.24936	2.4902	25.913	1.0039	2.4730	1.2518	5.0114
#3	.24977	2.4926	25.674	1.0108	2.4714	1.2595	5.0238

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5611	24.773	2.4886	1.2298	24.943	2.5434	2.4735
Stddev	.0023	.242	.0008	.0054	.131	.0036	.0010
%RSD	.09115	.97727	.03194	.43650	.52668	.13984	.03924

#1	2.5625	24.879	2.4892	1.2272	25.025	2.5474	2.4724
#2	2.5625	24.945	2.4889	1.2263	25.012	2.5406	2.4737
#3	2.5584	24.496	2.4877	1.2360	24.791	2.5421	2.4743

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.803	4.9867	4.9431	4.9474	5.1403	4.9651	5.0414
Stddev	.088	.0091	.0281	.0074	.0498	.0046	.0216
%RSD	.35628	.18244	.56890	.14922	.96978	.09310	.42779

#1	24.905	4.9966	4.9737	4.9492	5.1140	4.9631	5.0173
#2	24.755	4.9787	4.9374	4.9537	5.1092	4.9704	5.0590
#3	24.748	4.9849	4.9183	4.9393	5.1978	4.9617	5.0478

Sample Name: CCV07 Acquired: 5/3/2019 17:56:56 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14919 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.9869	5.090	5.2218	4.5901	F<.00000
Stddev	.0231	.004	.0184	.2778	.64786
%RSD	.46345	.0813	.35190	6.0519	206.63

#1	4.9610	5.095	5.2020	4.5445	.43367
#2	5.0054	5.087	5.2383	4.8879	-.65565
#3	4.9944	5.089	5.2251	4.3379	-.71862

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4019.6	51179.	5768.9	84.838	4183.3
Stddev	9.9	118.	20.4	2.595	8.2
%RSD	.24591	.23059	.35385	3.0588	.19574

#1	4009.7	51071.	5791.8	82.377	4180.1
#2	4019.6	51161.	5762.1	87.549	4177.3
#3	4029.5	51305.	5752.7	84.589	4192.7

Sample Name: CCB07 Acquired: 5/3/2019 18:01:03 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14918 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00265	.00107	.00049	.00441	-.00026	-.01544	.00109
Stddev	.00098	.00087	.00051	.00265	.00110	.00669	.00042
%RSD	37.005	82.046	103.84	60.098	424.49	43.303	38.257

#1	.00180	.00142	.00075	.00272	.00017	-.01675	.00134
#2	.00373	.00007	.00081	.00305	-.00151	-.02138	.00061
#3	.00243	.00171	-.00010	.00747	.00056	-.00820	.00132

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00009	.01013	-.00015	-.00007	-.00039	-.00162
Stddev	.00006	.00003	.00854	.00050	.00026	.00042	.00058
%RSD	267.91	37.712	84.344	340.65	384.96	108.04	35.476

#1	.00001	-.00013	.01466	-.00051	-.00033	-.00088	-.00116
#2	.00001	-.00007	.00027	-.00035	-.00005	-.00011	-.00227
#3	-.00009	-.00007	.01544	.00042	.00018	-.00018	-.00144

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.02311	-.00025	-.00029	-.06535	.00006	-.00296
Stddev	.00005	.01685	.00045	.00031	.00461	.00030	.00004
%RSD	102.40	72.943	177.42	106.06	7.0506	473.72	1.5078

#1	.00000	.03115	-.00067	-.00058	-.07044	.00007	-.00293
#2	-.00005	.00374	.00022	-.00031	-.06417	-.00024	-.00293
#3	-.00010	.03444	-.00030	.00003	-.06145	.00036	-.00301

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.14474	-.00020	-.00735	F .00820	.00558	-.00422	.00042
Stddev	.01794	.00022	.00564	.00219	.00205	.00065	.00118
%RSD	12.395	111.98	76.708	26.699	36.707	15.447	283.89

#1	-.14765	-.00023	-.00831	.00742	.00792	-.00388	.00141
#2	-.16104	.00004	-.01246	.01067	.00469	-.00497	-.00089
#3	-.12552	-.00040	-.00130	.00650	.00412	-.00381	.00073

Sample Name: CCB07 Acquired: 5/3/2019 18:01:03 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14918 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00156	.0015	-.00009	F 2.9415	F<.00000
Stddev	.00148	.0008	.00011	.3161	.74900
%RSD	94.554	53.07	126.03	10.746	32.846
#1	-.00123	.0020	-.00000	2.7162	-2.3120
#2	-.00318	.0006	-.00004	3.3028	-3.0129
#3	-.00028	.0018	-.00021	2.8054	-1.5160
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4183.0	53457.	5754.8	87.883	4669.4
Stddev	12.3	194.	16.5	.688	6.0
%RSD	.29319	.36311	.28750	.78233	.12906
#1	4170.2	53241.	5764.4	87.875	4663.0
#2	4184.1	53616.	5735.7	87.200	4670.4
#3	4194.6	53513.	5764.4	88.575	4674.9

Sample Name: K2655-01 Acquired: 5/3/2019 18:05:32 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00094	.00135	.01846	.00658	.01288	.72416	.02543	.00001
Stddev	.00120	.00086	.00080	.00261	.00111	.00923	.00052	.00003
%RSD	127.44	63.468	4.3310	39.680	8.6279	1.2752	2.0339	284.55
#1	.00092	.00228	.01929	.00805	.01358	.72250	.02576	.00000
#2	-.00025	.00060	.01841	.00357	.01346	.71587	.02483	-.00001
#3	.00216	.00117	.01769	.00813	.01160	.73411	.02569	.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00068	8.4544	.01242	.00154	.12700	3.4173	.04147	1.1391
Stddev	.00004	.2520	.00036	.00010	.00018	.0081	.00013	.0537
%RSD	5.9234	2.9803	2.9363	6.3148	.13999	.23648	.30790	4.7115
#1	.00064	8.2750	.01224	.00143	.12706	3.4093	.04138	1.1811
#2	.00068	8.3456	.01218	.00161	.12680	3.4171	.04141	1.0786
#3	.00072	8.7424	.01284	.00159	.12714	3.4255	.04161	1.1575
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00898	-.00007	468.44	.00362	.45014	10.432	.02008	.15555
Stddev	.00069	.00050	3.94	.00051	.00027	.122	.00036	.00372
%RSD	7.7119	724.61	.84068	14.161	.06078	1.1710	1.8113	2.3945
#1	.00864	.00047	465.82	.00372	.44987	10.324	.02050	.15127
#2	.00854	-.00017	472.97	.00307	.45014	10.406	.01989	.15807
#3	.00978	-.00051	466.53	.00408	.45041	10.565	.01985	.15730
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 122.35	F 11.845	-.04832	.01081	.03608	2.038	.04629	4.7087
Stddev	.21	.293	.00117	.00071	.00095	.013	.00145	.1982
%RSD	.17520	2.4722	2.4155	6.5508	2.6317	.6239	3.1331	4.2090
#1	122.11	11.626	-.04697	.01000	.03506	2.026	.04549	4.9324
#2	122.51	11.731	-.04898	.01125	.03624	2.037	.04541	4.5551
#3	122.44	12.177	-.04901	.01119	.03693	2.051	.04796	4.6385

Sample Name: K2655-01 Acquired: 5/3/2019 18:05:32 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.3700
Stddev .1557
%RSD 11.364

#1 1.5411
#2 1.3320
#3 1.2368

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3978.7	50522.	5926.8	88.792	4085.4
Stddev	5.9	68.	128.4	.987	5.0
%RSD	.14843	.13431	2.1669	1.1117	.12174

#1	3976.0	50598.	6020.5	87.858	4090.3
#2	3985.4	50467.	5979.6	89.825	4085.4
#3	3974.6	50501.	5780.5	88.692	4080.4

Sample Name: K2664-01 Acquired: 5/3/2019 18:10:00 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 15220032-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00033	-.00050	.19819	.00442	.00612	.78897	.04174	.00005
Stddev	.00236	.00125	.00023	.00079	.00128	.00554	.00027	.00006
%RSD	722.14	252.33	.11582	17.902	20.985	.70234	.63821	111.98
#1	-.00127	-.00195	.19836	.00410	.00578	.78261	.04183	.00003
#2	-.00078	.00024	.19829	.00532	.00754	.79275	.04144	.00001
#3	.00304	.00021	.19793	.00384	.00505	.79156	.04194	.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	24.428	.00302	.00071	.82005	1.4445	.10159	6.5593
Stddev	.00001	.049	.00025	.00005	.00135	.0054	.00029	.0803
%RSD	3.3523	.20152	8.1461	6.7623	.16518	.37425	.28290	1.2239
#1	.00028	24.390	.00274	.00075	.82107	1.4492	.10174	6.4826
#2	.00027	24.412	.00315	.00072	.82057	1.4386	.10125	6.5527
#3	.00026	24.484	.00318	.00066	.81851	1.4459	.10176	6.6427
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00422	-.00003	84.291	.00156	.66222	12.140	-.00020	.01002
Stddev	.00009	.00046	.559	.00027	.00076	.050	.00041	.00431
%RSD	2.1223	1718.6	.66340	17.628	.11411	.41156	211.31	43.071
#1	.00419	.00050	83.728	.00180	.66257	12.083	-.00007	.00722
#2	.00415	-.00034	84.299	.00160	.66273	12.176	.00014	.01499
#3	.00432	-.00023	84.847	.00126	.66135	12.160	-.00065	.00784
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1829	F 20.960	.00663	.02821	-.00387	2.049	.08619	3.2146
Stddev	.0062	.078	.00083	.00164	.00156	.009	.00039	.0724
%RSD	.12026	.37106	12.602	5.7994	40.436	.4272	.45494	2.2527
#1	5.1779	21.042	.00648	.02795	-.00566	2.044	.08588	3.2067
#2	5.1899	20.888	.00588	.02671	-.00318	2.059	.08663	3.2906
#3	5.1809	20.949	.00753	.02995	-.00276	2.044	.08604	3.1464

Sample Name: K2664-01 Acquired: 5/3/2019 18:10:00 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 15220032-1 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.16844
%RSD	99.527

#1	-.30270
#2	.02002
#3	-.22506

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4196.2	53424.	6079.4	92.438	4492.3
Stddev	11.2	219.	22.2	1.709	9.7
%RSD	.26615	.41061	.36479	1.8485	.21551

#1	4190.9	53662.	6063.5	90.763	4490.8
#2	4209.1	53383.	6104.7	92.371	4502.6
#3	4188.8	53229.	6069.9	94.179	4483.4

Sample Name: K2666-01 Acquired: 5/3/2019 18:14:18 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 32220008-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00316	-.02397	.03739	.01368	.00044	3.5237	3.2034	.00018
Stddev	.00295	.00095	.00187	.00270	.00135	.0047	.0488	.00003
%RSD	93.485	3.9839	4.9923	19.709	306.76	.13303	1.5223	13.730
#1	.00390	-.02308	.03884	.01071	.00094	3.5260	3.2378	.00020
#2	-.00010	-.02384	.03805	.01433	-.00109	3.5268	3.2248	.00019
#3	.00566	-.02498	.03529	.01599	.00147	3.5183	3.1476	.00016
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00050	57.165	.19333	.00190	.31696	1.9863	.10794	16.343
Stddev	.00006	.340	.00036	.00017	.00150	.0060	.00015	.033
%RSD	12.805	.59518	.18728	9.0557	.47261	.30267	.13573	.20355
#1	-.00044	57.176	.19292	.00170	.31752	1.9928	.10780	16.374
#2	-.00056	57.499	.19348	.00198	.31526	1.9810	.10809	16.308
#3	-.00049	56.819	.19359	.00202	.31810	1.9850	.10793	16.345
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10840	-.00025	1409.8	.00934	1.1345	41.116	.01607	1.0925
Stddev	.00091	.00069	17.1	.00040	.0018	.207	.00024	.0125
%RSD	.83936	271.34	1.2145	4.2934	.15987	.50328	1.4658	1.1480
#1	.10891	-.00001	1421.8	.00954	1.1350	41.095	.01628	1.0936
#2	.10735	-.00103	1417.4	.00888	1.1324	41.333	.01582	1.1044
#3	.10895	.00028	1390.2	.00961	1.1360	40.921	.01611	1.0794
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 181.81	F 80.909	-.05413	.15403	.00164	F 58.79	.23934	7.7401
Stddev	.16	.538	.00026	.00418	.00167	.08	.00055	.0749
%RSD	.09040	.66509	.47502	2.7164	101.58	.1441	.22866	.96754
#1	181.83	81.449	-.05387	.15435	.00043	58.88	.23913	7.7442
#2	181.64	80.905	-.05438	.15804	.00354	58.74	.23996	7.6633
#3	181.97	80.372	-.05413	.14969	.00095	58.73	.23893	7.8129

Sample Name: K2666-01 Acquired: 5/3/2019 18:14:18 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 32220008-3 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.3108
Stddev	.2837
%RSD	12.277

#1	2.0322
#2	2.3009
#3	2.5994

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3465.7	43784.	5467.3	79.777	3605.4
Stddev	10.5	226.	17.4	.772	10.7
%RSD	.30271	.51639	.31842	.96824	.29617

#1	3477.8	43548.	5447.2	78.905	3617.3
#2	3460.3	43805.	5476.1	80.375	3602.1
#3	3459.0	43998.	5478.6	80.051	3596.7

Sample Name: K2635-02 Acquired: 5/3/2019 18:18:44 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-05-050219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00129	-.00087	.00942	.00148	-.00146	.25084	.08970	.00006
Stddev	.00034	.00094	.00166	.00211	.00181	.01595	.00032	.00004
%RSD	26.408	108.45	17.666	142.95	124.02	6.3581	.36064	61.638

#1	.00167	.00022	.01101	.00073	.00063	.23538	.08949	.00010
#2	.00116	-.00143	.00769	-.00016	-.00253	.24990	.08954	.00002
#3	.00103	-.00139	.00957	.00386	-.00248	.26723	.09007	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	54.347	.00066	.00201	.00547	.31036	.19117	3.4722
Stddev	.00005	.046	.00026	.00023	.00010	.00171	.00064	.0308
%RSD	53.593	.08462	39.524	11.224	1.7561	.55189	.33298	.88599

#1	-.00004	54.305	.00075	.00227	.00539	.30939	.19062	3.4372
#2	-.00008	54.339	.00087	.00191	.00558	.30934	.19103	3.4848
#3	-.00013	54.396	.00037	.00186	.00544	.31233	.19187	3.4947

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00166	-.00026	266.29	.00008	.04442	1.1024	-.00076	.01355
Stddev	.00020	.00058	3.20	.00016	.00032	.0079	.00018	.01022
%RSD	12.212	221.09	1.2017	208.35	.71635	.71521	23.452	75.433

#1	.00145	.00013	263.34	-.00007	.04406	1.1106	-.00082	.02360
#2	.00168	.00001	265.85	.00024	.04466	1.0949	-.00055	.01391
#3	.00186	-.00093	269.69	.00005	.04454	1.1015	-.00089	.00316

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7748	3.3974	-.00688	.00315	.00516	.0086	.21174	4.7821
Stddev	.0070	.0170	.00061	.00061	.00124	.0012	.00084	.1573
%RSD	.39379	.49974	8.8787	19.219	24.031	13.91	.39485	3.2883

#1	1.7812	3.3778	-.00750	.00299	.00582	.0090	.21078	4.8744
#2	1.7759	3.4071	-.00628	.00382	.00593	.0073	.21219	4.8714
#3	1.7674	3.4074	-.00686	.00264	.00373	.0096	.21226	4.6005

Sample Name: K2635-02 Acquired: 5/3/2019 18:18:44 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-05-050219 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.83948
Stddev	.56036
%RSD	66.750

#1	1.2856
#2	.21053
#3	1.0224

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3891.4	49457.	5776.2	86.934	4038.1
Stddev	9.1	240.	8.4	.254	9.4
%RSD	.23451	.48587	.14620	.29242	.23315

#1	3881.5	49316.	5781.6	86.779	4027.3
#2	3893.5	49734.	5766.4	86.796	4043.7
#3	3899.4	49320.	5780.5	87.228	4043.4

Sample Name: K2635-02DUP Acquired: 5/3/2019 18:23:17 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-05-050219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00028	-.00260	.00951	.00419	.00029	.27137	.09480	-.00000
Stddev	.00088	.00141	.00109	.00217	.00156	.01571	.00006	.00005
%RSD	314.58	54.259	11.411	51.766	533.62	5.7877	.06212	21382.
#1	-.00105	-.00418	.00827	.00522	-.00146	.25956	.09487	.00006
#2	-.00047	-.00218	.00998	.00566	.00153	.28919	.09477	-.00003
#3	.00068	-.00145	.01029	.00170	.00081	.26535	.09477	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	57.115	.00092	.00218	.00606	.33350	.20213	3.5986
Stddev	.00005	.201	.00026	.00017	.00051	.00184	.00138	.0816
%RSD	27.230	.35253	27.698	7.7094	8.4767	.55051	.68448	2.2663
#1	-.00013	56.987	.00117	.00200	.00619	.33177	.20065	3.6058
#2	-.00021	57.011	.00066	.00233	.00550	.33543	.20339	3.6763
#3	-.00023	57.347	.00094	.00221	.00650	.33330	.20234	3.5137
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00193	-.00019	285.64	.00000	.04510	1.0712	-.00049	.01626
Stddev	.00016	.00038	1.93	.00044	.00036	.0340	.00033	.00546
%RSD	8.1615	196.27	.67494	26732.	.79059	3.1724	68.273	33.607
#1	.00206	.00022	283.52	-.00051	.04473	1.1072	-.00014	.01191
#2	.00175	-.00053	287.28	.00024	.04513	1.0668	-.00052	.01448
#3	.00197	-.00027	286.13	.00028	.04544	1.0397	-.00080	.02239
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7905	3.5168	-.00538	.00447	.01339	.0083	.22303	5.2875
Stddev	.0118	.0248	.00133	.00149	.00139	.0009	.00091	.0594
%RSD	.66184	.70492	24.643	33.354	10.377	11.05	.40782	1.1241
#1	1.8034	3.5421	-.00521	.00549	.01179	.0093	.22365	5.2676
#2	1.7880	3.4926	-.00678	.00516	.01411	.0079	.22198	5.2405
#3	1.7800	3.5158	-.00414	.00276	.01426	.0076	.22345	5.3543

Sample Name: K2635-02DUP Acquired: 5/3/2019 18:23:17 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-05-050219 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.0264
Stddev	.3805
%RSD	37.076

#1	1.3992
#2	.63853
#3	1.0414

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3842.2	48586.	5665.7	84.936	4014.2
Stddev	14.7	143.	44.9	.343	9.3
%RSD	.38263	.29499	.79172	.40403	.23167

#1	3827.8	48421.	5625.0	84.620	4018.9
#2	3841.5	48661.	5713.8	85.301	4003.4
#3	3857.2	48675.	5658.4	84.886	4020.1

Sample Name: K2635-02LX5 Acquired: 5/3/2019 18:27:50 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00050	.00049	.00149	.00346	-.00126	.05805	.01892	-.00004
Stddev	.00194	.00107	.00023	.00303	.00249	.00285	.00017	.00004
%RSD	389.34	220.59	15.768	87.679	197.93	4.9097	.87358	108.04

#1	.00267	.00160	.00135	.00281	.00103	.05918	.01873	-.00002
#2	-.00008	-.00055	.00135	.00677	-.00090	.05481	.01904	-.00008
#3	-.00109	.00041	.00176	.00080	-.00390	.06017	.01899	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	11.719	-.00017	.00037	.00093	.06680	.04145	.73227
Stddev	.00003	.075	.00046	.00005	.00004	.00054	.00011	.02714
%RSD	15.957	.63679	279.99	13.775	4.8221	.81260	.27690	3.7067

#1	-.00015	11.634	-.00022	.00033	.00088	.06618	.04131	.73318
#2	-.00021	11.755	-.00060	.00043	.00096	.06700	.04149	.75894
#3	-.00019	11.770	.00032	.00035	.00095	.06721	.04153	.70468

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00033	-.00097	56.950	.00004	.00644	.14135	-.00089	.00668
Stddev	.00035	.00046	.134	.00027	.00019	.00306	.00022	.00819
%RSD	104.98	48.083	.23556	765.82	2.8799	2.1642	24.641	122.52

#1	-.00071	-.00149	56.987	-.00009	.00632	.14464	-.00112	.00544
#2	-.00003	-.00081	57.061	.00035	.00666	.13858	-.00085	.01542
#3	-.00025	-.00060	56.801	-.00015	.00635	.14083	-.00069	-.00081

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38350	.75471	-.00606	.00217	.00239	.0025	.04492	3.8765
Stddev	.00387	.00421	.00024	.00108	.00143	.0015	.00035	.1027
%RSD	1.0092	.55798	3.9127	49.717	59.712	60.26	.78440	2.6491

#1	.38795	.75450	-.00632	.00094	.00404	.0008	.04451	3.7862
#2	.38090	.75061	-.00587	.00297	.00158	.0035	.04516	3.8552
#3	.38166	.75902	-.00598	.00260	.00155	.0034	.04507	3.9882

Sample Name: K2635-02LX5 Acquired: 5/3/2019 18:27:50 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .56883
%RSD 99.466

#1 .00339
#2 -.58500
#3 -1.1340

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4065.9	51674.	5765.0	86.904	4372.0
Stddev	6.3	109.	34.0	1.329	9.7
%RSD	.15478	.21119	.59058	1.5298	.22250

#1	4060.1	51559.	5749.7	85.565	4367.6
#2	4065.0	51776.	5804.0	88.224	4365.3
#3	4072.6	51689.	5741.3	86.924	4383.2

Sample Name: K2635-02MS Acquired: 5/3/2019 18:32:16 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-05-050219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79976	1.9354	.98903	2.0688	.78529	2.2962	.30772
Stddev	.00240	.0108	.00501	.0118	.00357	.0082	.00106
%RSD	.29990	.55588	.50690	.56792	.45427	.35575	.34491

#1	.80157	1.9261	.98359	2.0554	.78284	2.2879	.30685
#2	.79704	1.9330	.99005	2.0776	.78365	2.2963	.30741
#3	.80066	1.9472	.99346	2.0733	.78939	2.3043	.30890

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20061	.20015	62.088	.41427	.20308	.31055	3.3868
Stddev	.00030	.00041	.275	.00113	.00120	.00115	.0019
%RSD	.14924	.20630	.44361	.27230	.59166	.36935	.05655

#1	.20071	.19974	61.774	.41556	.20201	.30924	3.3882
#2	.20027	.20015	62.201	.41345	.20285	.31135	3.3846
#3	.20084	.20056	62.288	.41380	.20438	.31107	3.3876

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41660	5.8639	.50527	.07078	308.25	.32255	.25069
Stddev	.00060	.0317	.00061	.00051	1.25	.00077	.00067
%RSD	.14426	.54043	.12163	.71369	.40523	.24005	.26755

#1	.41612	5.8274	.50463	.07117	306.81	.32344	.25022
#2	.41728	5.8794	.50532	.07021	308.93	.32203	.25040
#3	.41641	5.8848	.50585	.07096	309.02	.32217	.25146

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.501	.40547	.32958	1.8251	4.6625	.67849	.20618
Stddev	.074	.00139	.00894	.0037	.0206	.00318	.00210
%RSD	.64455	.34370	2.7122	.20083	.44093	.46803	1.0195

#1	11.490	.40419	.32900	1.8227	4.6809	.67607	.20712
#2	11.434	.40696	.32094	1.8293	4.6403	.67732	.20377
#3	11.581	.40527	.33879	1.8233	4.6662	.68209	.20765

Sample Name: K2635-02MS Acquired: 5/3/2019 18:32:16 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-05-050219 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20906	6.084	.43927	5.4231	F<.00000
Stddev	.00251	.010	.00125	.1372	.25576
%RSD	1.2010	.1682	.28450	2.5295	13.334

#1	.21174	6.077	.43825	5.3933	-1.6259
#2	.20677	6.096	.44067	5.5727	-2.1015
#3	.20867	6.080	.43890	5.3033	-2.0268

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3862.6	49049.	5682.9	85.624	4011.2
Stddev	.7	205.	12.1	1.068	5.0
%RSD	.01780	.41751	.21226	1.2475	.12381

#1	3862.0	48980.	5678.7	85.132	4005.5
#2	3863.3	49279.	5696.4	86.850	4014.6
#3	3862.4	48887.	5673.4	84.891	4013.5

Sample Name: K2635-02MSD Acquired: 5/3/2019 18:36:31 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-05-050219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78375	1.9146	.97704	2.0435	.77510	2.2514	.30202
Stddev	.00530	.0192	.00708	.0127	.00167	.0148	.00226
%RSD	.67591	1.0034	.72471	.62146	.21510	.65538	.74989

#1	.78505	1.8956	.97028	2.0483	.77585	2.2381	.30407
#2	.78827	1.9340	.98440	2.0531	.77627	2.2487	.30240
#3	.77792	1.9143	.97645	2.0291	.77319	2.2673	.29959

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19859	.19774	61.675	.40940	.20044	.30632	3.3475
Stddev	.00020	.00083	.360	.00226	.00127	.00250	.0049
%RSD	.10011	.41832	.58352	.55255	.63149	.81657	.14545

#1	.19878	.19688	61.871	.41175	.19922	.30777	3.3526
#2	.19838	.19853	61.894	.40723	.20175	.30775	3.3429
#3	.19862	.19782	61.260	.40921	.20034	.30343	3.3469

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41205	5.7815	.49735	.06878	306.14	.31777	.24787
Stddev	.00034	.0449	.00176	.00084	.72	.00070	.00129
%RSD	.08192	.77677	.35488	1.2171	.23364	.22007	.52243

#1	.41235	5.8299	.49550	.06923	305.36	.31856	.24651
#2	.41213	5.7732	.49901	.06930	306.29	.31723	.24908
#3	.41169	5.7412	.49753	.06781	306.77	.31753	.24803

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.320	.40196	.31467	1.7918	4.6614	.67001	.20419
Stddev	.055	.00178	.00133	.0168	.0226	.00549	.00112
%RSD	.48527	.44256	.42412	.93568	.48457	.81929	.54633

#1	11.380	.40177	.31318	1.7813	4.6804	.66477	.20535
#2	11.272	.40383	.31507	1.8111	4.6364	.67572	.20410
#3	11.308	.40028	.31576	1.7829	4.6672	.66955	.20313

Sample Name: K2635-02MSD Acquired: 5/3/2019 18:36:31 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-05-050219 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20662	5.988	.43513	5.2865	F<.00000
Stddev	.00210	.042	.00178	.1180	.28527
%RSD	1.0180	.6968	.40907	2.2316	11.283

#1	.20766	5.959	.43686	5.1551	-2.3433
#2	.20419	6.036	.43522	5.3833	-2.3847
#3	.20799	5.969	.43331	5.3212	-2.8567

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3867.2	49360.	5679.0	84.835	4023.7
Stddev	16.3	306.	28.8	2.387	17.4
%RSD	.42275	.62035	.50639	2.8143	.43288

#1	3861.3	49013.	5646.1	87.431	4036.0
#2	3854.5	49592.	5699.6	84.339	4003.8
#3	3885.6	49475.	5691.1	82.734	4031.3

Sample Name: K2635-02A Acquired: 5/3/2019 18:40:46 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8182 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78793	1.9152	.97909	2.0377	.77326	2.2668	.30366
Stddev	.00201	.0099	.00435	.0076	.00097	.0008	.00075
%RSD	.25556	.51809	.44471	.37138	.12517	.03322	.24547

#1	.78745	1.9053	.97426	2.0370	.77234	2.2660	.30451
#2	.79014	1.9252	.98270	2.0456	.77427	2.2668	.30312
#3	.78620	1.9150	.98032	2.0305	.77318	2.2675	.30335

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19956	.19792	61.874	.41021	.20066	.30656	3.3563
Stddev	.00036	.00121	.248	.00111	.00118	.00139	.0065
%RSD	.18241	.61208	.40003	.27169	.58873	.45210	.19255

#1	.19935	.19687	61.964	.40903	.19996	.30604	3.3490
#2	.19998	.19924	61.594	.41037	.20203	.30813	3.3583
#3	.19935	.19763	62.065	.41124	.20000	.30551	3.3615

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41366	5.7957	.49923	.06875	304.85	.31934	.24760
Stddev	.00168	.0503	.00151	.00048	2.78	.00111	.00112
%RSD	.40602	.86796	.30275	.69266	.91232	.34658	.45332

#1	.41193	5.7407	.49776	.06873	307.18	.31834	.24642
#2	.41528	5.8071	.50078	.06828	301.77	.32053	.24866
#3	.41377	5.8394	.49916	.06923	305.59	.31914	.24771

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.391	.40023	.31937	1.7888	4.6619	.67083	.20398
Stddev	.043	.00115	.00828	.0122	.0190	.00331	.00197
%RSD	.37493	.28855	2.5916	.68340	.40655	.49328	.96680

#1	11.341	.39972	.31348	1.7801	4.6442	.66924	.20459
#2	11.417	.40155	.32883	1.8028	4.6597	.67463	.20558
#3	11.414	.39941	.31579	1.7835	4.6819	.66861	.20178

Sample Name: K2635-02A Acquired: 5/3/2019 18:40:46 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8182 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20800	6.004	.43597	5.5435	F<.00000
Stddev	.00338	.021	.00138	.1371	.11328
%RSD	1.6240	.3477	.31594	2.4728	6.5949

#1	.20423	5.984	.43754	5.6089	-1.7843
#2	.21075	6.025	.43536	5.6356	-1.7817
#3	.20903	6.002	.43500	5.3859	-1.5868

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3863.7	49113.	5654.3	84.855	4011.7
Stddev	10.5	107.	9.3	1.369	6.4
%RSD	.27164	.21745	.16434	1.6138	.16078

#1	3852.6	49048.	5647.8	85.711	4017.2
#2	3865.0	49236.	5664.9	85.577	4004.6
#3	3873.5	49056.	5650.2	83.275	4013.2

Sample Name: K2635-04 Acquired: 5/3/2019 18:45:01 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-05-050219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00085	-.00067	.00415	.00763	-.00203	.15007	.09335	-.00002
Stddev	.00393	.00166	.00077	.00096	.00119	.00335	.00094	.00006
%RSD	465.53	248.08	18.520	12.627	58.489	2.2304	1.0032	267.71

#1	.00355	-.00087	.00329	.00747	-.00309	.14915	.09227	.00003
#2	-.00403	-.00223	.00476	.00676	-.00225	.15379	.09395	-.00000
#3	-.00206	.00108	.00441	.00866	-.00075	.14729	.09382	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	82.520	.00128	.00201	.00551	.15112	.22567	5.6263
Stddev	.00004	.425	.00019	.00020	.00014	.00050	.00055	.0337
%RSD	17.538	.51467	14.943	9.7142	2.6088	.33038	.24380	.59898

#1	-.00017	82.558	.00140	.00223	.00565	.15074	.22512	5.5877
#2	-.00020	82.925	.00138	.00191	.00536	.15094	.22622	5.6409
#3	-.00024	82.078	.00106	.00188	.00551	.15169	.22568	5.6501

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00237	-.00103	282.43	-.00002	.05781	1.4074	-.00046	.00837
Stddev	.00017	.00039	1.17	.00026	.00010	.0140	.00013	.00674
%RSD	7.0229	37.954	.41336	1590.1	.17190	.99791	28.213	80.484

#1	.00250	-.00111	281.10	-.00031	.05792	1.3929	-.00033	.00104
#2	.00242	-.00061	283.26	.00011	.05773	1.4209	-.00058	.00979
#3	.00218	-.00138	282.95	.00015	.05777	1.4084	-.00047	.01429

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5318	4.7047	-.00579	.00200	.00872	.0080	.36465	5.4946
Stddev	.0005	.0386	.00050	.00173	.00168	.0023	.00195	.1312
%RSD	.01974	.81963	8.6080	86.771	19.311	28.58	.53547	2.3883

#1	2.5318	4.7492	-.00635	.00391	.00766	.0059	.36491	5.4384
#2	2.5314	4.6836	-.00540	.00156	.00783	.0076	.36646	5.6446
#3	2.5324	4.6813	-.00563	.00052	.01066	.0104	.36258	5.4008

Sample Name: K2635-04 Acquired: 5/3/2019 18:45:01 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-05-050219 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.3235
Stddev	.3644
%RSD	27.536

#1	1.6191
#2	1.4352
#3	.91631

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3872.4	49516.	5743.4	86.611	4033.0
Stddev	9.8	142.	22.3	1.772	10.8
%RSD	.25398	.28628	.38889	2.0457	.26801

#1	3864.1	49675.	5721.0	86.853	4026.0
#2	3869.8	49404.	5743.4	84.731	4027.6
#3	3883.2	49469.	5765.7	88.249	4045.4

Sample Name: CCV08 Acquired: 5/3/2019 18:49:34 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119445BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9985	5.1248	5.0323	5.0803	5.0011	9.8060	10.005	.25280
Stddev	.0132	.0075	.0015	.0026	.0088	.0633	.046	.00065
%RSD	.26368	.14648	.02976	.05175	.17487	.64497	.45819	.25690
#1	4.9837	5.1169	5.0340	5.0800	4.9929	9.7333	9.9568	.25314
#2	5.0032	5.1319	5.0311	5.0779	5.0103	9.8356	10.048	.25322
#3	5.0088	5.1256	5.0320	5.0831	5.0001	9.8489	10.010	.25206
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5273	26.201	1.0218	2.5090	1.2777	5.0862	2.6024	25.267
Stddev	.0019	.092	.0011	.0012	.0013	.0063	.0008	.110
%RSD	.07560	.35025	.11129	.04640	.09792	.12439	.03024	.43636
#1	2.5253	26.169	1.0223	2.5089	1.2774	5.0918	2.6032	25.190
#2	2.5290	26.130	1.0204	2.5102	1.2791	5.0875	2.6017	25.219
#3	2.5277	26.305	1.0225	2.5079	1.2766	5.0793	2.6023	25.394
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5265	1.2411	25.086	2.5814	2.4900	24.936	5.0554	5.0001
Stddev	.0050	.0019	.141	.0035	.0016	.177	.0069	.0515
%RSD	.19595	.14872	.56030	.13652	.06446	.70901	.13614	1.0298
#1	2.5219	1.2401	25.043	2.5852	2.4895	24.783	5.0553	5.0016
#2	2.5259	1.2400	24.971	2.5808	2.4918	24.897	5.0623	4.9479
#3	2.5317	1.2433	25.242	2.5782	2.4887	25.129	5.0485	5.0508
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0005	5.2208	5.0512	5.1304	5.0651	5.174	5.2998	4.7766
Stddev	.0168	.0320	.0095	.0169	.0398	.010	.0260	.1541
%RSD	.33526	.61317	.18848	.32966	.78515	.1857	.48955	3.2268
#1	4.9829	5.2518	5.0424	5.1243	5.0796	5.168	5.3213	4.9154
#2	5.0021	5.2227	5.0613	5.1173	5.0955	5.185	5.3070	4.8037
#3	5.0163	5.1879	5.0498	5.1495	5.0201	5.169	5.2710	4.6108

Sample Name: CCV08 Acquired: 5/3/2019 18:49:34 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119445BL Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .07056
Stddev .94696
%RSD 1342.0

#1 -.32457
#2 1.1511
#3 -.61484

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4025.5	51279.	5756.3	85.122	4182.3
Stddev	8.3	132.	23.3	1.663	5.7
%RSD	.20528	.25748	.40392	1.9541	.13524

#1	4020.4	51412.	5741.3	83.617	4176.9
#2	4021.0	51277.	5744.5	84.841	4181.8
#3	4035.0	51148.	5783.1	86.908	4188.2

Sample Name: CCB08 Acquired: 5/3/2019 18:53:41 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119445BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	.00159	-.00116	F .00635	-.00128	-.01181	.00076
Stddev	.00312	.00169	.00081	.00183	.00211	.00480	.00010
%RSD	1544.0	105.81	69.556	28.756	164.31	40.651	12.702

#1	.00284	.00349	-.00209	.00531	.00013	-.01597	.00081
#2	.00101	.00102	-.00070	.00528	-.00371	-.00656	.00065
#3	-.00325	.00027	-.00069	.00846	-.00027	-.01289	.00082

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00005	.01802	-.00028	-.00011	-.00072	-.00185
Stddev	.00008	.00006	.00832	.00023	.00011	.00017	.00090
%RSD	106.86	109.45	46.165	82.109	93.216	22.970	48.801

#1	-.00006	-.00005	.01575	-.00049	-.00016	-.00061	-.00146
#2	-.00000	.00001	.01108	-.00004	-.00018	-.00092	-.00120
#3	-.00017	-.00011	.02724	-.00031	.00001	-.00064	-.00288

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.07057	-.00008	-.00066	.03086	.00007	-.00319
Stddev	.00002	.02198	.00009	.00086	.00330	.00010	.00006
%RSD	20.479	31.149	110.35	131.33	10.709	144.57	1.8136

#1	-.00008	.09263	-.00018	-.00165	.02711	.00016	-.00318
#2	-.00010	.04866	-.00003	-.00014	.03333	.00008	-.00314
#3	-.00007	.07043	-.00003	-.00018	.03214	-.00003	-.00325

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.16361	-.00018	.00617	F .01106	.00597	-.00478	.00225
Stddev	.00424	.00029	.00560	.00446	.00252	.00037	.00307
%RSD	2.5923	159.63	90.848	40.372	42.112	7.7196	136.71

#1	-.16716	-.00004	.00037	.00741	.00884	-.00520	.00579
#2	-.15891	.00001	.01156	.01604	.00415	-.00457	.00062
#3	-.16477	-.00051	.00657	.00973	.00493	-.00456	.00033

Sample Name: CCB08 Acquired: 5/3/2019 18:53:41 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB119445BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00226	.0003	-0.00004	F 2.6524	F<.00000
Stddev	.00057	.0008	.00011	.2525	.58358
%RSD	25.418	268.0	295.09	9.5193	25.720
#1	-0.00193	-0.0006	-0.00009	2.9275	-2.0885
#2	-0.00193	.0004	-0.00011	2.4312	-1.7970
#3	-0.00293	.0010	.00009	2.5986	-2.9215
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4211.4	53771.	5774.0	88.139	4713.5
Stddev	2.6	143.	37.4	2.107	9.1
%RSD	.06101	.26557	.64858	2.3911	.19240
#1	4208.8	53631.	5731.7	85.758	4703.1
#2	4213.9	53764.	5803.0	88.892	4717.7
#3	4211.5	53917.	5787.3	89.767	4719.6

Sample Name: K2635-06 Acquired: 5/3/2019 18:58:10 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-05-050219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	-.00185	.01326	.00599	-.00191	.12076	.08844	.00001
Stddev	.00180	.00121	.00081	.00146	.00121	.00239	.00098	.00006
%RSD	583.43	65.393	6.1248	24.394	63.169	1.9813	1.1125	616.39

#1	-.00239	-.00084	.01363	.00621	-.00052	.11852	.08740	-.00000
#2	.00074	-.00152	.01233	.00443	-.00253	.12049	.08856	.00007
#3	.00073	-.00320	.01383	.00733	-.00269	.12328	.08936	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	19.533	.00026	.00386	.00692	.31891	.20509	2.3527
Stddev	.00010	.043	.00020	.00039	.00024	.00263	.00036	.0835
%RSD	104.13	.22002	77.184	10.101	3.4445	.82425	.17481	3.5497

#1	-.00019	19.484	.00014	.00368	.00712	.31923	.20522	2.3136
#2	.00001	19.549	.00049	.00430	.00666	.32136	.20468	2.2959
#3	-.00011	19.565	.00015	.00359	.00699	.31613	.20536	2.4486

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00131	-.00049	275.22	-.00042	.02585	.60858	-.00025	.00408
Stddev	.00016	.00016	1.28	.00063	.00011	.03416	.00022	.01088
%RSD	12.420	32.320	.46640	148.75	.44236	5.6125	85.215	266.93

#1	.00135	-.00039	275.64	.00028	.02579	.59280	-.00049	.00619
#2	.00144	-.00042	273.77	-.00092	.02578	.58517	-.00020	.01374
#3	.00113	-.00068	276.23	-.00063	.02598	.64778	-.00007	-.00770

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44421	.86139	-.00549	.00306	.00083	.0048	.08731	4.5908
Stddev	.00644	.00075	.00073	.00148	.00230	.0005	.00004	.1570
%RSD	1.4492	.08738	13.368	48.299	277.03	10.35	.04895	3.4192

#1	.44341	.86195	-.00625	.00473	-.00028	.0051	.08732	4.6870
#2	.45101	.86053	-.00545	.00195	-.00071	.0042	.08726	4.4097
#3	.43821	.86168	-.00479	.00249	.00348	.0050	.08735	4.6759

Sample Name: K2635-06 Acquired: 5/3/2019 18:58:10 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-05-050219 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.61486
Stddev	.58293
%RSD	94.807

#1	.30660
#2	.25078
#3	1.2872

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3944.7	50148.	5776.6	86.958	4111.1
Stddev	10.6	80.	36.3	.609	5.7
%RSD	.26903	.15876	.62889	.70036	.13865

#1	3933.2	50061.	5734.7	87.550	4104.8
#2	3954.0	50164.	5795.7	86.333	4112.7
#3	3947.0	50218.	5799.4	86.992	4115.9

Sample Name: K2635-08 Acquired: 5/3/2019 19:02:45 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-05-050219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00083	-.00280	.00744	.00673	-.00124	.10003	.11373	-.00010
Stddev	.00244	.00091	.00052	.00363	.00244	.01570	.00060	.00006
%RSD	295.00	32.460	7.0417	53.842	196.67	15.693	.52578	55.860

#1	.00002	-.00354	.00796	.00624	-.00246	.08517	.11313	-.00008
#2	-.00111	-.00179	.00691	.00338	.00157	.11646	.11432	-.00017
#3	.00358	-.00307	.00746	.01058	-.00282	.09847	.11374	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	112.00	.00065	.00250	.00447	.09583	.23034	4.0318
Stddev	.00007	.63	.00040	.00012	.00055	.00052	.00025	.0408
%RSD	37.416	.56165	62.037	4.7721	12.209	.53907	.10745	1.0112

#1	-.00025	111.86	.00071	.00256	.00509	.09594	.23041	3.9885
#2	-.00020	111.46	.00022	.00259	.00423	.09627	.23006	4.0374
#3	-.00011	112.70	.00101	.00237	.00408	.09526	.23054	4.0694

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00237	-.00066	286.65	.00009	.03562	.99025	-.00059	.02288
Stddev	.00034	.00060	2.34	.00021	.00007	.05024	.00016	.00342
%RSD	14.468	91.941	.81657	230.33	.20637	5.0735	27.578	14.967

#1	.00241	-.00122	289.29	-.00012	.03556	1.0085	-.00071	.02116
#2	.00269	-.00002	284.83	.00009	.03559	1.0288	-.00041	.02065
#3	.00201	-.00074	285.82	.00029	.03570	.93344	-.00067	.02682

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7692	6.0234	-.00664	.00061	.01220	.0058	.44127	5.1929
Stddev	.0083	.0546	.00049	.00163	.00027	.0018	.00191	.0816
%RSD	.30169	.90731	7.3000	267.34	2.2335	30.25	.43315	1.5713

#1	2.7714	6.0543	-.00649	-.00121	.01227	.0049	.44278	5.2137
#2	2.7600	5.9603	-.00625	.00194	.01190	.0079	.43912	5.2620
#3	2.7763	6.0557	-.00719	.00110	.01243	.0048	.44190	5.1029

Sample Name: K2635-08 Acquired: 5/3/2019 19:02:45 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-05-050219 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.4872
 Stddev .1775
 %RSD 7.1354

#1 2.4646
 #2 2.6749
 #3 2.3221

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3877.9	49230.	5727.8	85.863	4039.4
Stddev	5.7	9.	42.2	1.645	8.6
%RSD	.14791	.01732	.73748	1.9156	.21281

#1	3878.8	49225.	5705.3	87.676	4033.8
#2	3871.8	49225.	5776.5	84.465	4035.1
#3	3883.1	49240.	5701.5	85.450	4049.3

Sample Name: K2642-02 Acquired: 5/3/2019 19:07:19 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-050219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00054	-.00229	.00159	.00574	-.00239	.09710	.10904	-.00003
Stddev	.00137	.00087	.00042	.00257	.00058	.00655	.00131	.00004
%RSD	252.30	37.873	26.620	44.872	24.261	6.7505	1.1977	131.67

#1	.00201	-.00326	.00112	.00425	-.00178	.09284	.10782	.00000
#2	-.00071	-.00158	.00170	.00425	-.00294	.09381	.11042	-.00007
#3	.00033	-.00203	.00194	.00871	-.00245	.10464	.10888	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	31.852	-.00008	.00454	.00523	.08256	.53769	3.6217
Stddev	.00006	.199	.00013	.00037	.00029	.00124	.00059	.0310
%RSD	83.907	.62474	158.15	8.2464	5.4769	1.5010	.11059	.85513

#1	-.00010	31.623	-.00003	.00482	.00529	.08387	.53765	3.6307
#2	-.00011	31.951	.00001	.00411	.00492	.08242	.53831	3.6471
#3	-.00000	31.982	-.00023	.00468	.00548	.08140	.53712	3.5872

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00065	-.00031	283.08	-.00107	.03796	.86910	-.00060	.00465
Stddev	.00040	.00007	1.35	.00013	.00005	.02884	.00022	.00942
%RSD	62.476	23.388	.47683	11.866	.14102	3.3181	37.301	202.40

#1	.00109	-.00032	281.52	-.00119	.03802	.87368	-.00085	.00493
#2	.00055	-.00023	283.80	-.00110	.03791	.89538	-.00053	-.00490
#3	.00030	-.00038	283.91	-.00093	.03796	.83825	-.00042	.01394

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24983	.49185	-.00598	.00396	.00465	.0034	.09663	4.7793
Stddev	.00132	.00271	.00083	.00022	.00021	.0005	.00060	.0591
%RSD	.52854	.55020	13.815	5.5056	4.4939	13.77	.62300	1.2371

#1	.25113	.49479	-.00544	.00371	.00472	.0029	.09602	4.8408
#2	.24987	.48947	-.00693	.00411	.00481	.0034	.09723	4.7229
#3	.24849	.49131	-.00557	.00407	.00441	.0038	.09663	4.7740

Sample Name: K2642-02 Acquired: 5/3/2019 19:07:19 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-02-050219 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.4607
 Stddev .3261
 %RSD 22.328

#1 1.8209
 #2 1.1854
 #3 1.3758

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3935.6	50311.	5731.8	86.581	4081.3
Stddev	4.6	181.	28.2	1.191	8.6
%RSD	.11751	.35965	.49143	1.3758	.21159

#1	3937.5	50287.	5704.0	85.217	4075.6
#2	3930.3	50143.	5760.4	87.417	4077.0
#3	3939.0	50502.	5731.1	87.108	4091.2

Sample Name: K2647-02 Acquired: 5/3/2019 19:11:54 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-04-050219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00178	-.00128	.00004	.00792	-.00061	.02457	.08892	-.00008
Stddev	.00248	.00027	.00078	.00235	.00087	.01278	.00147	.00009
%RSD	138.82	21.292	1988.6	29.641	143.65	52.004	1.6541	103.51

#1	.00429	-.00099	-.00072	.00549	.00002	.03768	.08761	-.00003
#2	.00171	-.00153	.00084	.01018	-.00160	.01215	.09051	-.00004
#3	-.00066	-.00132	-.00000	.00809	-.00024	.02389	.08862	-.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	26.722	-.00021	.00926	.00395	.02936	.78294	8.6789
Stddev	.00004	.209	.00011	.00023	.00027	.00052	.00214	.0666
%RSD	20.333	.78199	54.806	2.4360	6.8462	1.7875	.27309	.76778

#1	-.00016	26.482	-.00019	.00946	.00365	.02988	.78060	8.6119
#2	-.00021	26.819	-.00033	.00902	.00419	.02883	.78480	8.7452
#3	-.00015	26.864	-.00011	.00930	.00400	.02939	.78340	8.6796

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00187	-.00068	284.54	-.00177	.01351	.50778	-.00074	.00325
Stddev	.00031	.00037	3.06	.00014	.00011	.01428	.00029	.00932
%RSD	16.446	55.063	1.0767	7.7605	.80812	2.8129	39.002	286.48

#1	.00156	-.00098	283.80	-.00162	.01360	.52230	-.00077	.00375
#2	.00186	-.00026	287.90	-.00190	.01355	.50728	-.00044	.01231
#3	.00217	-.00079	281.91	-.00180	.01339	.49375	-.00101	-.00630

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14440	.55826	-.00579	.00336	.00311	.0036	.05062	5.0223
Stddev	.00375	.00714	.00109	.00160	.00113	.0007	.00017	.0977
%RSD	2.5972	1.2792	18.770	47.561	36.268	20.10	.34479	1.9458

#1	.14806	.55181	-.00454	.00174	.00268	.0045	.05042	5.1142
#2	.14056	.55704	-.00632	.00493	.00226	.0033	.05069	5.0330
#3	.14458	.56594	-.00652	.00341	.00439	.0031	.05075	4.9196

Sample Name: K2647-02 Acquired: 5/3/2019 19:11:54 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-04-050219 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.1909
Stddev	1.0618
%RSD	89.156

#1	.85674
#2	2.3796
#3	.33643

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3942.0	50006.	5761.8	85.942	4087.3
Stddev	21.7	163.	11.9	1.626	13.2
%RSD	.55155	.32573	.20674	1.8918	.32179

#1	3922.3	50025.	5760.4	84.175	4075.2
#2	3938.3	49834.	5774.3	87.375	4085.6
#3	3965.3	50158.	5750.6	86.275	4101.3

Sample Name: K2647-04 Acquired: 5/3/2019 19:16:29 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-04-050219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	-.00095	.00025	.00286	-.00036	.03592	.10527	-.00010
Stddev	.00212	.00044	.00038	.00262	.00121	.01077	.00084	.00004
%RSD	937.27	46.618	151.42	91.616	335.80	29.987	.79868	36.228

#1	.00155	-.00145	.00036	.00587	.00018	.04491	.10604	-.00012
#2	-.00222	-.00059	.00056	.00110	-.00175	.02398	.10538	-.00006
#3	.00135	-.00082	-.00017	.00160	.00049	.03887	.10437	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	21.038	-.00020	.00542	.00388	.03343	.48171	7.9019
Stddev	.00003	.017	.00026	.00009	.00020	.00054	.00014	.0468
%RSD	11.962	.08257	128.90	1.6957	5.1942	1.6206	.02890	.59220

#1	-.00025	21.020	-.00031	.00550	.00409	.03404	.48161	7.9552
#2	-.00020	21.054	-.00039	.00532	.00369	.03303	.48187	7.8833
#3	-.00022	21.042	.00009	.00546	.00386	.03320	.48166	7.8673

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	-.00068	266.40	-.00110	.02394	.56926	-.00071	.00535
Stddev	.00041	.00016	2.11	.00048	.00021	.03067	.00012	.01709
%RSD	184.79	24.190	.79262	43.532	.86988	5.3883	17.088	319.16

#1	.00061	-.00086	264.38	-.00128	.02382	.53479	-.00085	.00801
#2	.00026	-.00062	268.59	-.00147	.02383	.59355	-.00069	-.01291
#3	-.00021	-.00055	266.23	-.00056	.02418	.57944	-.00061	.02096

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15840	.45930	-.00596	.00239	.00223	.0028	.04349	5.1129
Stddev	.00262	.00315	.00067	.00239	.00161	.0016	.00015	.0796
%RSD	1.6556	.68639	11.180	100.17	72.435	58.50	.33663	1.5565

#1	.15711	.46185	-.00522	.00219	.00277	.0033	.04353	5.2017
#2	.16141	.45577	-.00614	.00010	.00041	.0041	.04362	5.0893
#3	.15667	.46027	-.00651	.00488	.00350	.0010	.04333	5.0479

Sample Name: K2647-04 Acquired: 5/3/2019 19:16:29 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-04-050219 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .95780
 Stddev .15625
 %RSD 16.314

#1 .78228
 #2 1.0817
 #3 1.0094

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3934.3	49870.	5709.1	84.944	4096.3
Stddev	5.8	257.	17.5	.563	9.4
%RSD	.14862	.51436	.30702	.66220	.22914

#1	3927.9	49603.	5691.1	84.383	4085.9
#2	3939.5	49892.	5726.2	85.508	4098.9
#3	3935.3	50114.	5710.1	84.942	4104.1

Sample Name: K2667-02 Acquired: 5/3/2019 19:21:04 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SP-1-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00066	-.00364	.00100	.00557	.00008	.88720	.18197	-.00005
Stddev	.00348	.00063	.00070	.00328	.00083	.01585	.00148	.00003
%RSD	530.04	17.183	70.439	58.913	1057.0	1.7868	.81600	64.264

#1	-.00052	-.00422	.00170	.00334	-.00082	.90114	.18340	-.00009
#2	-.00420	-.00298	.00102	.00934	.00022	.89051	.18208	-.00002
#3	.00275	-.00373	.00029	.00403	.00083	.86996	.18043	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00086	11.539	.00205	.00125	.00275	.44327	.21390	1.4836
Stddev	.00005	.043	.00007	.00017	.00021	.00364	.00064	.0078
%RSD	5.3422	.37157	3.3520	13.212	7.6663	.82155	.29706	.52368

#1	.00090	11.490	.00212	.00107	.00291	.44329	.21319	1.4907
#2	.00081	11.567	.00199	.00140	.00284	.44689	.21442	1.4753
#3	.00088	11.560	.00203	.00128	.00251	.43961	.21408	1.4848

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00112	-.00088	288.83	.00086	.18481	1.7094	-.00060	.04238
Stddev	.00054	.00056	.50	.00029	.00109	.0226	.00028	.01005
%RSD	48.356	64.091	.17398	33.934	.58761	1.3230	46.811	23.707

#1	-.00070	-.00073	289.23	.00111	.18370	1.6833	-.00048	.05085
#2	-.00093	-.00151	288.98	.00093	.18587	1.7213	-.00092	.04501
#3	-.00173	-.00041	288.26	.00054	.18487	1.7236	-.00039	.03128

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23914	2.2500	-.00624	.01775	.00218	.0579	.04975	4.5688
Stddev	.00308	.0058	.00068	.00184	.00067	.0030	.00000	.0622
%RSD	1.2869	.25957	10.853	10.348	30.885	5.154	.00775	1.3620

#1	.24144	2.2467	-.00567	.01734	.00249	.0604	.04976	4.5273
#2	.24034	2.2464	-.00699	.01616	.00141	.0546	.04975	4.5388
#3	.23564	2.2567	-.00607	.01976	.00264	.0587	.04975	4.6404

Sample Name: K2667-02 Acquired: 5/3/2019 19:21:04 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SP-1-A Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.1329
 Stddev .1144
 %RSD 10.094

#1 1.2161
 #2 1.0025
 #3 1.1802

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3970.5	50196.	5727.5	86.000	4149.2
Stddev	5.7	135.	33.3	.756	8.8
%RSD	.14389	.26808	.58156	.87890	.21264

#1	3976.4	50046.	5752.8	86.058	4154.4
#2	3970.0	50234.	5740.0	86.725	4154.2
#3	3965.0	50307.	5689.8	85.217	4139.0

Sample Name: K2667-04 Acquired: 5/3/2019 19:25:36 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SP-1-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00039	-.00189	.00135	.00485	-.00092	.50100	.17683	-.00009
Stddev	.00111	.00099	.00063	.00301	.00191	.00979	.00055	.00001
%RSD	285.81	52.332	46.696	62.026	208.08	1.9532	.31293	15.223

#1	.00016	-.00196	.00174	.00518	-.00196	.49636	.17747	-.00009
#2	.00159	-.00087	.00062	.00169	.00129	.49439	.17651	-.00007
#3	-.00059	-.00285	.00169	.00768	-.00209	.51224	.17652	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00091	15.439	.00056	.00201	.00222	.23172	.38016	2.0424
Stddev	.00009	.072	.00009	.00007	.00028	.00129	.00045	.0232
%RSD	9.7650	.46563	16.628	3.3141	12.486	.55533	.11891	1.1380

#1	.00101	15.363	.00048	.00199	.00197	.23095	.38028	2.0486
#2	.00083	15.506	.00066	.00196	.00251	.23321	.37966	2.0619
#3	.00090	15.448	.00053	.00209	.00217	.23101	.38055	2.0167

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00074	-.00094	242.53	.00017	.24031	1.8354	-.00066	.04608
Stddev	.00029	.00045	.95	.00006	.00024	.0240	.00006	.01171
%RSD	39.361	48.145	.39368	36.762	.09903	1.3058	9.0428	25.404

#1	-.00063	-.00145	243.53	.00014	.24046	1.8314	-.00060	.03257
#2	-.00108	-.00057	241.63	.00013	.24044	1.8137	-.00067	.05266
#3	-.00053	-.00080	242.41	.00025	.24003	1.8612	-.00072	.05303

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29548	1.5567	-.00645	.00813	.00146	.0397	.06637	4.3786
Stddev	.00120	.0076	.00077	.00122	.00092	.0016	.00027	.1135
%RSD	.40563	.48551	11.898	15.044	63.334	3.945	.41038	2.5921

#1	.29636	1.5536	-.00608	.00673	.00076	.0400	.06617	4.3754
#2	.29411	1.5653	-.00594	.00898	.00250	.0411	.06626	4.2667
#3	.29595	1.5512	-.00733	.00869	.00110	.0380	.06668	4.4937

Sample Name: K2667-04 Acquired: 5/3/2019 19:25:36 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SP-1-B Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .51626
 %RSD 1050.6

#1 -.33949
 #2 .54692
 #3 -.35485

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3988.7	50685.	5755.5	85.508	4182.2
Stddev	11.3	146.	17.3	.833	10.1
%RSD	.28450	.28790	.30098	.97471	.24176

#1	3980.5	50603.	5771.5	86.333	4174.1
#2	3983.9	50853.	5757.8	85.525	4178.9
#3	4001.6	50598.	5737.1	84.667	4193.5

Sample Name: K2668-02 Acquired: 5/3/2019 19:30:09 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00118	-.00163	.00032	.00428	-.00092	.26940	.04901	.00000
Stddev	.00176	.00198	.00092	.00382	.00238	.01182	.00034	.00007
%RSD	149.11	121.17	291.59	89.067	259.77	4.3857	.70098	8355.5

#1	-.00243	.00017	-.00049	.00018	.00094	.28105	.04922	.00003
#2	-.00196	-.00375	.00133	.00772	-.00360	.25743	.04921	-.00008
#3	.00084	-.00132	.00011	.00495	-.00009	.26973	.04862	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	1.6594	.00012	.00168	.00991	.21041	.07193	.35999
Stddev	.00010	.0205	.00036	.00021	.00032	.00116	.00057	.05707
%RSD	81.714	1.2373	299.50	12.281	3.2446	.55216	.78772	15.854

#1	-.00005	1.6398	-.00028	.00161	.00969	.20953	.07132	.29747
#2	-.00024	1.6576	.00040	.00152	.01028	.21172	.07243	.40929
#3	-.00008	1.6808	.00023	.00191	.00976	.20997	.07205	.37320

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	-.00024	288.19	.00117	.01390	.34840	-.00058	-.00237
Stddev	.00030	.00011	2.28	.00026	.00017	.01708	.00009	.01089
%RSD	160.33	43.888	.79274	22.255	1.2364	4.9021	15.949	460.38

#1	-.00015	-.00031	286.60	.00087	.01407	.33037	-.00060	.00408
#2	.00042	-.00030	290.81	.00132	.01391	.36434	-.00067	-.01494
#3	.00030	-.00012	287.16	.00132	.01372	.35049	-.00048	.00376

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08367	.43109	-.00674	.00904	-.00022	.0037	.00811	4.7140
Stddev	.00351	.00686	.00092	.00229	.00019	.0008	.00004	.1299
%RSD	4.1920	1.5914	13.695	25.381	83.379	21.45	.47671	2.7557

#1	.08419	.42937	-.00678	.01090	-.00005	.0028	.00807	4.7590
#2	.08688	.43864	-.00580	.00973	-.00041	.0042	.00814	4.5676
#3	.07992	.42525	-.00765	.00648	-.00021	.0041	.00811	4.8154

Sample Name: K2668-02 Acquired: 5/3/2019 19:30:09 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .08840
Stddev .40825
%RSD 461.84

#1 -.15678
#2 -.13771
#3 .55968

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3984.5	50533.	5808.7	87.275	4149.6
Stddev	26.3	86.	57.3	1.452	22.3
%RSD	.65883	.16932	.98611	1.6635	.53719

#1	3954.9	50627.	5858.8	87.642	4127.5
#2	3993.9	50515.	5746.3	88.508	4149.1
#3	4004.8	50459.	5821.1	85.675	4172.1

Sample Name: K2668-04 Acquired: 5/3/2019 19:34:45 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00163	-.00237	.00087	.00569	-.00044	.45469	.11932	.00007
Stddev	.00125	.00044	.00109	.00086	.00085	.00680	.00111	.00007
%RSD	76.885	18.694	124.60	15.122	194.37	1.4956	.92691	107.78

#1	-.00057	-.00214	-.00027	.00661	-.00139	.44875	.12058	.00015
#2	-.00302	-.00208	.00190	.00554	-.00017	.46211	.11853	.00003
#3	-.00131	-.00288	.00099	.00491	.00025	.45323	.11884	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	1.6741	.00029	.00462	.00894	.82956	.28642	.55306
Stddev	.00002	.0287	.00041	.00009	.00013	.00176	.00075	.04019
%RSD	10.291	1.7157	143.11	2.0182	1.4749	.21159	.26232	7.2661

#1	-.00017	1.6419	.00010	.00472	.00895	.83159	.28641	.59718
#2	-.00014	1.6833	.00076	.00456	.00907	.82860	.28717	.51856
#3	-.00014	1.6970	.00001	.00456	.00881	.82850	.28567	.54344

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00093	-.00043	281.96	.00117	.03649	.15796	-.00068	.01826
Stddev	.00026	.00009	1.44	.00032	.00008	.04348	.00015	.01046
%RSD	28.015	20.361	.50905	27.163	.21376	27.525	22.342	57.272

#1	.00088	-.00035	280.31	.00135	.03646	.19275	-.00060	.00869
#2	.00121	-.00052	282.64	.00080	.03657	.17191	-.00085	.01668
#3	.00070	-.00043	282.92	.00135	.03642	.10922	-.00059	.02943

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33919	.68441	-.00683	.01327	.00036	.0092	.00826	4.1482
Stddev	.00294	.01121	.00085	.00076	.00125	.0008	.00010	.2162
%RSD	.86807	1.6384	12.456	5.7402	344.29	8.913	1.2656	5.2119

#1	.33631	.67187	-.00599	.01344	.00099	.0091	.00819	4.2022
#2	.33907	.68787	-.00682	.01244	.00117	.0085	.00822	4.3322
#3	.34220	.69348	-.00769	.01394	-.00107	.0101	.00838	3.9101

Sample Name: K2668-04 Acquired: 5/3/2019 19:34:45 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .46978
%RSD 58.240

#1 -.95799
#2 -.27983
#3 -1.1821

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4009.6	50822.	5830.4	86.642	4181.9
Stddev	14.5	59.	58.0	.710	17.0
%RSD	.36095	.11512	.99435	.81992	.40546

#1	3994.7	50831.	5897.2	87.458	4170.3
#2	4010.3	50759.	5794.4	86.167	4174.0
#3	4023.6	50875.	5799.4	86.300	4201.3

Sample Name: K2668-06 Acquired: 5/3/2019 19:39:20 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00198	-.00164	.00191	.00425	-.00103	.13209	.08950	-.00001
Stddev	.00137	.00157	.00028	.00240	.00183	.00261	.00029	.00002
%RSD	69.254	95.510	14.902	56.533	177.17	1.9782	.32133	196.47

#1	.00241	-.00238	.00208	.00245	-.00309	.12967	.08917	-.00001
#2	.00309	-.00271	.00158	.00332	-.00043	.13175	.08969	.00001
#3	.00045	.00016	.00207	.00698	.00042	.13486	.08963	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	1.5348	-.00047	.00781	.00588	2.4256	.30480	.76862
Stddev	.00005	.0115	.00039	.00024	.00020	.0065	.00139	.07137
%RSD	21.376	.75119	82.511	3.0546	3.4772	.26783	.45540	9.2858

#1	-.00017	1.5479	-.00003	.00763	.00590	2.4182	.30321	.77283
#2	-.00026	1.5304	-.00075	.00772	.00566	2.4304	.30545	.83780
#3	-.00025	1.5261	-.00064	.00808	.00607	2.4282	.30575	.69524

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00137	-.00051	309.18	-.00069	.02260	.15435	-.00052	.00324
Stddev	.00038	.00046	2.36	.00025	.00023	.01938	.00039	.00761
%RSD	27.903	89.558	.76357	36.597	1.0250	12.559	74.793	234.87

#1	.00173	-.00004	310.93	-.00062	.02265	.13551	-.00008	.01140
#2	.00097	-.00055	306.50	-.00098	.02234	.17424	-.00082	-.00364
#3	.00143	-.00095	310.12	-.00049	.02280	.15331	-.00068	.00195

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24436	.32366	-.00639	.00265	.00019	.0033	.00754	4.2378
Stddev	.00279	.00248	.00063	.00109	.00155	.0019	.00009	.3232
%RSD	1.1421	.76729	9.8292	41.223	820.35	57.78	1.2323	7.6274

#1	.24125	.32505	-.00674	.00390	.00051	.0045	.00762	4.0846
#2	.24516	.32513	-.00676	.00208	.00156	.0042	.00756	4.0196
#3	.24666	.32079	-.00566	.00196	-.00150	.0011	.00744	4.6092

Sample Name: K2668-06 Acquired: 5/3/2019 19:39:20 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-3 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .52740
 %RSD 3051.9

#1 -.17732
 #2 .57160
 #3 -.44613

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4014.3	50357.	5788.0	85.511	4162.9
Stddev	11.1	100.	24.4	1.136	13.9
%RSD	.27547	.19948	.42217	1.3284	.33361

#1	4003.1	50303.	5764.1	85.117	4152.8
#2	4025.2	50295.	5786.9	84.625	4178.7
#3	4014.7	50472.	5812.9	86.792	4157.1

Sample Name: CCV09 Acquired: 5/3/2019 19:43:56 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14918 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0474	5.1794	5.0614	5.1214	5.0515	9.9998	10.180
Stddev	.0330	.0187	.0192	.0277	.0249	.0168	.039
%RSD	.65467	.36165	.37935	.54121	.49266	.16836	.38569

#1	5.0389	5.1847	5.0549	5.1282	5.0450	9.9814	10.214
#2	5.0839	5.1949	5.0830	5.1450	5.0789	10.015	10.137
#3	5.0194	5.1586	5.0463	5.0909	5.0304	10.003	10.190

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25479	2.5505	26.704	1.0404	2.5310	1.2897	5.1591
Stddev	.00073	.0088	.102	.0008	.0101	.0053	.0077
%RSD	.28519	.34412	.38315	.07234	.40030	.41167	.14940

#1	.25508	2.5520	26.586	1.0412	2.5315	1.2870	5.1653
#2	.25396	2.5584	26.761	1.0398	2.5409	1.2958	5.1505
#3	.25532	2.5411	26.765	1.0401	2.5206	1.2862	5.1615

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6209	25.720	2.5535	1.2557	25.366	2.6222	2.5131
Stddev	.0025	.139	.0058	.0032	.136	.0046	.0103
%RSD	.09457	.53968	.22616	.25206	.53754	.17639	.41054

#1	2.6234	25.684	2.5518	1.2576	25.395	2.6275	2.5120
#2	2.6184	25.603	2.5599	1.2520	25.218	2.6191	2.5240
#3	2.6209	25.873	2.5487	1.2574	25.486	2.6200	2.5034

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.156	5.0975	5.0767	5.0173	5.2678	5.1011	5.2221
Stddev	.100	.0204	.0367	.0200	.0125	.0130	.0190
%RSD	.39948	.39999	.72313	.39811	.23696	.25533	.36315

#1	25.207	5.0974	5.0401	5.0199	5.2655	5.0971	5.2111
#2	25.040	5.1180	5.0764	5.0358	5.2567	5.1156	5.2112
#3	25.221	5.0772	5.1135	4.9961	5.2813	5.0905	5.2440

Sample Name: CCV09 Acquired: 5/3/2019 19:43:56 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14918 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.1731	5.241	5.3889	F 4.4518	F<.00000
Stddev	.0147	.040	.0130	.1447	.74705
%RSD	.28468	.7573	.24053	3.2515	1182.1
#1	5.1840	5.249	5.3959	4.5556	-.83114
#2	5.1564	5.276	5.3739	4.5133	-.01949
#3	5.1790	5.198	5.3969	4.2864	.66104
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4013.3	50778.	5689.1	85.155	4164.0
Stddev	13.3	93.	10.7	.674	12.7
%RSD	.33136	.18255	.18844	.79169	.30606
#1	4018.9	50724.	5687.4	85.628	4164.3
#2	3998.1	50885.	5700.5	84.383	4151.1
#3	4022.8	50724.	5679.3	85.454	4176.6

Sample Name: CCB09 Acquired: 5/3/2019 19:48:04 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00055	.00141	-.00186	.00278	-.00195	-.00001	.00100
Stddev	.00203	.00190	.00101	.00080	.00061	.00375	.00010
%RSD	367.19	134.54	54.337	28.779	31.268	31977.	10.457

#1	.00066	.00011	-.00140	.00206	-.00210	.00316	.00106
#2	.00058	.00360	-.00116	.00264	-.00248	.00096	.00088
#3	-.00290	.00053	-.00301	.00364	-.00128	-.00416	.00107

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00001	.00389	-.00009	-.00024	-.00037	-.00129
Stddev	.00003	.00003	.00969	.00034	.00007	.00033	.00039
%RSD	30.737	468.64	249.37	390.72	29.546	88.626	29.969

#1	-.00010	-.00004	.01508	-.00020	-.00028	-.00071	-.00134
#2	-.00005	.00001	-.00162	-.00036	-.00016	-.00006	-.00165
#3	-.00010	.00001	-.00179	.00030	-.00027	-.00034	-.00088

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.02262	-.00050	-.00083	.05211	.00008	-.00319
Stddev	.00007	.05305	.00016	.00051	.00423	.00027	.00008
%RSD	88.856	234.50	32.360	60.608	8.1248	329.29	2.3782

#1	-.00011	.07834	-.00041	-.00049	.05112	.00021	-.00315
#2	.00000	-.02728	-.00069	-.00142	.04846	-.00023	-.00315
#3	-.00011	.01681	-.00041	-.00060	.05675	.00026	-.00328

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.14694	.00004	-.01427	.00386	.00558	-.00519	.00046
Stddev	.01239	.00014	.00369	.00112	.00109	.00008	.00093
%RSD	8.4319	336.12	25.873	29.099	19.550	1.5777	201.55

#1	-.15584	.00015	-.01478	.00402	.00509	-.00513	.00153
#2	-.15218	-.00011	-.01768	.00266	.00683	-.00517	.00007
#3	-.13279	.00008	-.01035	.00489	.00482	-.00529	-.00021

Sample Name: CCB09 Acquired: 5/3/2019 19:48:04 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14919 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00243	.0002	-0.00006	F 2.8774	F<.00000
Stddev	.00183	.0009	.00007	.2403	.73368
%RSD	75.104	417.5	120.79	8.3525	34.522

#1	-0.00262	.0001	.00000	3.0893	-2.5259
#2	-0.00416	.0012	-0.00004	2.9267	-1.2785
#3	-0.00052	-0.0006	-0.00013	2.6162	-2.5713

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4202.9	53455.	5726.1	89.703	4696.5
Stddev	6.4	58.	33.5	.858	8.3
%RSD	.15235	.10780	.58557	.95701	.17586

#1	4197.4	53509.	5687.7	88.783	4697.7
#2	4201.4	53395.	5749.3	89.842	4687.8
#3	4209.9	53461.	5741.4	90.483	4704.2

Sample Name: K2674-01 Acquired: 5/3/2019 19:52:34 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FILTERBAG-RO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00131	-.00012	.01083	.00443	.00094	.11653	.10544	.00003
Stddev	.00208	.00152	.00051	.00219	.00028	.00436	.00064	.00008
%RSD	158.54	1318.3	4.7290	49.469	29.919	3.7441	.60242	301.96
#1	-.00354	.00146	.01114	.00207	.00065	.11633	.10505	-.00003
#2	-.00099	-.00157	.01024	.00480	.00096	.11228	.10510	.00011
#3	.00059	-.00023	.01112	.00641	.00121	.12099	.10617	-.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00146	12.361	.00136	.00308	.04602	.07721	.21756	2.4166
Stddev	.00008	.077	.00032	.00022	.00052	.00009	.00083	.0563
%RSD	5.5234	.62217	23.202	7.2187	1.1364	.11559	.38250	2.3311
#1	.00145	12.292	.00107	.00297	.04541	.07723	.21781	2.3780
#2	.00139	12.347	.00169	.00333	.04633	.07711	.21663	2.3905
#3	.00155	12.444	.00132	.00293	.04631	.07729	.21824	2.4812
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01930	-.00037	268.74	.00289	.44048	.41164	-.00037	.01529
Stddev	.00014	.00020	3.22	.00023	.00048	.02096	.00018	.01184
%RSD	.74733	53.537	1.1997	7.8950	.10924	5.0923	50.116	77.416
#1	.01930	-.00026	266.35	.00315	.44098	.42868	-.00057	.01488
#2	.01945	-.00024	272.40	.00279	.44002	.41801	-.00020	.02733
#3	.01916	-.00060	267.45	.00273	.44044	.38823	-.00034	.00366
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29650	1.4894	-.00662	.00142	.00000	.0042	.07612	4.4384
Stddev	.00259	.0231	.00024	.00189	.00175	.0012	.00020	.2659
%RSD	.87341	1.5540	3.6100	132.56	137500.	27.95	.26322	5.9904
#1	.29692	1.4862	-.00690	.00357	-.00040	.0031	.07593	4.6795
#2	.29372	1.5139	-.00651	.00066	.00192	.0054	.07633	4.1533
#3	.29885	1.4680	-.00647	.00004	-.00151	.0042	.07610	4.4823

Sample Name: K2674-01 Acquired: 5/3/2019 19:52:34 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FILTERBAG-RO Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .93814
 Stddev .09899
 %RSD 10.552

#1 1.0269
 #2 .95605
 #3 .83141

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3995.4	50352.	5798.8	87.872	4187.9
Stddev	1.3	148.	23.6	1.361	8.3
%RSD	.03358	.29383	.40667	1.5493	.19704

#1	3996.8	50523.	5796.4	86.567	4178.4
#2	3994.1	50266.	5776.5	89.283	4191.6
#3	3995.1	50268.	5823.5	87.767	4193.6

Sample Name: K2674-02 Acquired: 5/3/2019 19:57:08 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FILTERBAG-RO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00090	-.00207	.01095	.00796	.00101	.10451	.10652	-.00003
Stddev	.00256	.00074	.00019	.00118	.00009	.00714	.00107	.00005
%RSD	283.09	36.048	1.7772	14.777	8.4930	6.8319	1.0064	141.59

#1	.00171	-.00167	.01118	.00767	.00101	.09830	.10566	.00000
#2	-.00101	-.00292	.01085	.00925	.00092	.10291	.10618	-.00001
#3	-.00341	-.00160	.01084	.00695	.00109	.11231	.10772	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00146	12.585	.00093	.00346	.04607	.08066	.22075	2.4740
Stddev	.00007	.072	.00029	.00010	.00028	.00044	.00030	.0515
%RSD	4.8289	.57477	31.574	2.8856	.60965	.54691	.13573	2.0838

#1	.00155	12.502	.00064	.00342	.04578	.08089	.22063	2.4153
#2	.00143	12.632	.00123	.00357	.04634	.08015	.22052	2.4945
#3	.00142	12.621	.00092	.00338	.04609	.08094	.22108	2.5121

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01948	-.00086	273.15	.00350	.45092	.41130	-.00063	.00476
Stddev	.00035	.00040	2.12	.00021	.00040	.05670	.00022	.00859
%RSD	1.7767	46.106	.77733	5.9257	.08835	13.786	34.725	180.47

#1	.01984	-.00055	271.75	.00342	.45128	.34872	-.00048	.00433
#2	.01915	-.00073	272.11	.00334	.45100	.42593	-.00088	-.00361
#3	.01945	-.00131	275.59	.00373	.45049	.45925	-.00053	.01356

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30497	1.5145	-.00573	.00307	.00282	.0075	.07723	4.3161
Stddev	.00284	.0098	.00035	.00123	.00124	.0003	.00015	.3064
%RSD	.93057	.64572	6.1685	40.037	43.840	4.524	.19645	7.0979

#1	.30295	1.5225	-.00537	.00255	.00167	.0079	.07707	3.9726
#2	.30375	1.5174	-.00576	.00447	.00266	.0073	.07725	4.5611
#3	.30821	1.5036	-.00607	.00218	.00413	.0073	.07738	4.4146

Sample Name: K2674-02 Acquired: 5/3/2019 19:57:08 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FILTERBAG-RO Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .65469
 %RSD 615.81

#1 -.84637
 #2 .39733
 #3 .13010

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3990.0	50459.	5789.8	86.400	4172.3
Stddev	7.1	131.	35.9	1.497	10.9
%RSD	.17748	.25932	.61961	1.7330	.26156

#1	3984.1	50417.	5779.9	84.717	4161.0
#2	3997.9	50605.	5759.9	86.900	4173.3
#3	3988.0	50354.	5829.6	87.583	4182.7

Sample Name: CCV10 Acquired: 5/3/2019 20:01:41 Type: Unk
Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8182 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9924	5.1124	5.0267	5.0877	5.0084	9.8325	9.9858
Stddev	.0067	.0104	.0095	.0092	.0037	.0454	.0389
%RSD	.13512	.20286	.18823	.18160	.07493	.46172	.38980

#1	4.9850	5.1010	5.0363	5.0844	5.0120	9.7809	9.9690
#2	4.9983	5.1149	5.0262	5.0981	5.0045	9.8502	9.9582
#3	4.9938	5.1213	5.0174	5.0806	5.0086	9.8663	10.030

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25153	2.5246	26.285	1.0245	2.5068	1.2830	5.0837
Stddev	.00110	.0006	.035	.0032	.0016	.0023	.0040
%RSD	.43625	.02421	.13454	.30780	.06310	.17946	.07792

#1	.25243	2.5241	26.251	1.0229	2.5075	1.2854	5.0871
#2	.25186	2.5244	26.285	1.0281	2.5080	1.2808	5.0847
#3	.25031	2.5252	26.321	1.0224	2.5050	1.2827	5.0794

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5913	25.179	2.5264	1.2390	25.019	2.5844	2.4914
Stddev	.0014	.157	.0015	.0019	.094	.0027	.0017
%RSD	.05463	.62184	.05972	.14903	.37727	.10544	.06896

#1	2.5909	25.000	2.5249	1.2370	24.911	2.5839	2.4934
#2	2.5902	25.246	2.5279	1.2406	25.087	2.5873	2.4906
#3	2.5929	25.290	2.5264	1.2395	25.059	2.5819	2.4903

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.833	5.0478	4.9453	4.9677	5.2434	5.0471	5.1515
Stddev	.097	.0077	.0505	.0132	.0226	.0162	.0077
%RSD	.39041	.15254	1.0220	.26563	.43099	.32055	.14922

#1	24.729	5.0564	4.8935	4.9600	5.2693	5.0390	5.1599
#2	24.921	5.0416	4.9479	4.9830	5.2334	5.0657	5.1448
#3	24.849	5.0455	4.9944	4.9603	5.2276	5.0366	5.1498

Sample Name: CCV10 Acquired: 5/3/2019 20:01:41 Type: Unk
 Method: P4-ICP2(v3092) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8182 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.1647	5.175	5.3748	F 4.1505	F<.00000
Stddev	.0183	.013	.0173	.0286	.60234
%RSD	.35469	.2531	.32220	.68816	96.585
#1	5.1839	5.172	5.3914	4.1833	-.10881
#2	5.1629	5.190	5.3761	4.1375	-.47605
#3	5.1474	5.164	5.3568	4.1308	-1.2861
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4036.1	51379.	5708.0	85.225	4192.8
Stddev	8.7	137.	23.0	2.251	5.7
%RSD	.21660	.26740	.40274	2.6417	.13604
#1	4026.1	51534.	5684.5	84.825	4186.5
#2	4041.9	51273.	5709.0	83.200	4194.4
#3	4040.4	51330.	5730.4	87.649	4197.6

Sample Name: CCB10 Acquired: 5/3/2019 20:05:49 Type: Unk
 Method: P4-ICP2(v3092) 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	-.00164	.00282	-.00094	F .00502	-.00028	-.00278	.00092
Stddev	.00261	.00114	.00050	.00321	.00138	.01437	.00024
%RSD	158.91	40.475	53.699	63.847	493.55	516.99	25.921

#1	-.00385	.00394	-.00144	.00149	.00131	-.01250	.00079
#2	-.00231	.00166	-.00093	.00776	-.00116	-.00957	.00078
#3	.00124	.00286	-.00043	.00582	-.00099	.01373	.00120

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00010	.01632	-.00013	.00004	-.00007	-.00134
Stddev	.00003	.00006	.01707	.00018	.00023	.00015	.00057
%RSD	47.543	56.651	104.57	139.11	563.41	230.86	42.103

#1	-.00011	-.00004	.03181	.00008	.00008	-.00022	-.00076
#2	-.00005	-.00013	-.00198	-.00021	.00025	-.00006	-.00137
#3	-.00006	-.00014	.01913	-.00026	-.00020	.00008	-.00189

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.03801	-.00056	-.00084	.02836	-.00017	-.00323
Stddev	.00003	.04326	.00009	.00029	.00730	.00025	.00011
%RSD	586.14	113.83	15.445	34.868	25.743	145.68	3.5223

#1	-.00003	.07567	-.00065	-.00116	.03644	.00005	-.00311
#2	.00003	.04760	-.00047	-.00075	.02640	-.00012	-.00334
#3	-.00002	-.00925	-.00056	-.00060	.02224	-.00044	-.00324

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.16995	-.00012	-.00960	.00327	.00436	-.00455	.00151
Stddev	.02422	.00015	.01564	.00210	.00189	.00074	.00211
%RSD	14.252	132.90	162.88	64.080	43.254	16.245	139.69

#1	-.14783	.00003	-.02717	.00319	.00337	-.00377	-.00062
#2	-.19583	-.00027	-.00440	.00122	.00317	-.00524	.00155
#3	-.16618	-.00011	.00277	.00541	.00653	-.00465	.00360

Sample Name: CCB10 Acquired: 5/3/2019 20:05:49 Type: Unk
Method: P4-ICP2(v3092) 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	-.00061	.0005	.00006	F 2.5518	F<.00000
Stddev	.00089	.0006	.00012	.2605	.09642
%RSD	146.75	124.0	201.98	10.207	3.9837
#1	-.00079	.0005	.00019	2.4284	-2.5253
#2	.00036	-.0001	-.00002	2.8510	-2.4003
#3	-.00139	.0011	-.00000	2.3759	-2.3357
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4209.9	53927.	5729.8	87.861	4717.0
Stddev	7.5	133.	32.9	1.238	6.2
%RSD	.17897	.24597	.57331	1.4089	.13200
#1	4211.5	53974.	5705.1	87.692	4715.0
#2	4216.5	54030.	5767.1	89.175	4724.0
#3	4201.7	53777.	5717.2	86.717	4712.0