

Sample Information File Untitled

Description : Kfl 10/3/01
 Batch ID :
 Volume Units :
 Weight Units :
 Analyst :
 Sample Volume : 1.000
 Nominal Weight : 1.000000

DATE ANALYZED	<u>10/3/01</u>
TIME ANALYZED	<u>9.00</u>
ANALYST INITIALS	<u>MO</u>
REVIEWED BY	<u>AB</u>

AS Sample ID Loc	Sample Sample Weight Units	User Dilution	Remarks
1 QCS			
2 23607			
3 23607dup			
4 23607spk		5.0000	
5 23650			
6 23651			
7 23652			
8 23653			
9 23654			
10 23655			
11 QCS			
12 23656			
13 23697			
14 23698			
15 23699			
16 23717			
17 23718			
18 23719			
19 23720			
20 23721			
21 QCS			
22 23722			
23 23723			
24 23797			
25 23798			
26 23799			
27 23799dup			
28 23799spk		5.0000	
29 23833			
30 23834			
31 QCS			
32 23835			
33 23836			
34 23837			
35 23838			
36 23839			
37 23900			
38 23901			
39 23902			
40 23903			
41 QCS			
42 23904			
43 23905			
44 23906			
45 23909			
46 23910			
47 23947			
48 23948			
49 24046			

QC Reviewed

AB 11/7/01

50 24047

51 QCS

52 24048

53 24049

54 24050

55 24051

56 24052

57 24149

58 24151

59 24153

60 24155

61 24157

62 24157dup

63 QCS

24

NOT DC

dup

Method Name: KFl
Method Description: KTest

Element: K

Date: 10/03/2001

Technique: Flame

Wavelength: 766.5 nm

Lamp Current: 12

Sample Info File: Untitled

Calibration Equation: Calc. Intercept: Linear

Slit Width: 1.40 nm

Energy: 77

Results Data Set:

Element: K Seq. No.: 1 AS Loc.: --- Date: 10/03/2001
Sample ID: Calib Blank

Repl	SampleConc	StndConc	Blncorr	Time
#	µg/L	µg/L	Signal	
1			-0.068	09:41:50
2			-0.069	09:41:57
3			-0.068	09:42:04
4			-0.068	09:42:12
Mean:			-0.068	
SD :			0.000	
%RSD:			0.30	

Auto-zero performed.

Element: K Seq. No.: 2 AS Loc.: --- Date: 10/03/2001
Sample ID: Calib Blank

Repl	SampleConc	StndConc	Blncorr	Time
#	µg/L	µg/L	Signal	
1			0.000	09:42:23
2			0.001	09:42:30
3			0.000	09:42:37
4			0.000	09:42:44
Mean:			0.000	
SD :			0.000	
%RSD:			96.70	

Auto-zero performed.

Element: K Seq. No.: 3 AS Loc.: --- Date: 10/03/2001
Sample ID: S100

Repl	SampleConc	StndConc	Blncorr	Time
#	µg/L	µg/L	Signal	
1			0.012	09:43:10
2			0.011	09:43:17
3			0.011	09:43:24
4			0.011	09:43:31
Mean:			0.011	
SD :			0.001	
%RSD:			5.37	

Standard number 1 applied. [100]

Correlation Coefficient: 1.0000

Slope: 0.0001

=====
Element: K Seq. No.: 4 AS Loc.: --- Date: 10/03/2001
Sample ID: S200 ✓
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Time
1			0.022	09:43:56
2			0.022	09:44:03
3			0.021	09:44:11
4			0.021	09:44:18
Mean:			0.021	
SD :			0.001	
%RSD:			2.84	

Standard number 2 applied. [200]
Correlation Coefficient: 0.9997

Slope: 0.0001

=====
Element: K Seq. No.: 5 AS Loc.: --- Date: 10/03/2001
Sample ID: S400 ✓
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Time
1			0.042	09:44:43
2			0.041	09:44:50
3			0.041	09:44:57
4			0.039	09:45:04
Mean:			0.041	
SD :			0.001	
%RSD:			3.61	

Standard number 3 applied. [400]
Correlation Coefficient: 0.9996

Slope: 0.0001

=====
Element: K Seq. No.: 6 AS Loc.: --- Date: 10/03/2001
Sample ID: S800 ✓
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Time
1			0.079	09:45:34
2			0.082	09:45:41
3			0.080	09:45:48
4			0.080	09:45:55
Mean:			0.080	
SD :			0.001	
%RSD:			1.23	

Standard number 4 applied. [800]
Correlation Coefficient: 0.9999

Slope: 0.0001

=====
Element: K Seq. No.: 7 AS Loc.: --- Date: 10/03/2001
Sample ID: S1000 ✓
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Time
1			0.110	09:46:24
2			0.100	09:46:31
3			0.098	09:46:39
4			0.098	09:46:46
Mean:			0.102	
SD :			0.006	
%RSD:			5.86	

Standard number 5 applied. [1000]
Correlation Coefficient: 0.9999

Slope: 0.0001

=====
 Element: K Seq. No.: 8 AS Loc.: --- Date: 10/03/2001
 Sample ID: S2000

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Time
1			0.229	09:50:46
2			0.226	09:50:54
3			0.222	09:51:01
4			0.220	09:51:08
Mean:			0.224	
SD :			0.004	
%RSD:			1.94	

Standard number 6 applied. [2000]
 Correlation Coefficient: 0.9983

Slope: 0.0001

=====
 Element: K Seq. No.: 9 AS Loc.: --- Date: 10/03/2001
 Sample ID: S2000

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Time
1			0.213	09:51:25
2			0.206	09:51:32
3			0.208	09:51:39
4			0.208	09:51:46
Mean:			0.209	
SD :			0.003	
%RSD:			1.51	

Standard number 6 applied. [2000]
 Correlation Coefficient: 0.9998

Slope: 0.0001

=====
 Element: K Seq. No.: 10 AS Loc.: --- Date: 10/03/2001
 Sample ID: QCS

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Time
1	516.1	516.1	0.053	09:52:15
2	519.0	519.0	0.053	09:52:22
3	508.4	508.4	0.052	09:52:29
4	503.6	503.6	0.052	09:52:36
Mean:	511.8	511.8	0.053	
SD :	7.052	7.052	0.001	
%RSD:	1.38	1.38	1.39	

=====
 Element: K Seq. No.: 11 AS Loc.: --- Date: 10/03/2001
 Sample ID: 23607

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Time
1	520.8	520.8	0.054	09:53:01
2	515.1	515.1	0.053	09:53:08
3	508.3	508.3	0.052	09:53:16
4	503.4	503.4	0.052	09:53:23
Mean:	511.9	511.9	0.053	
SD :	7.613	7.613	0.001	
%RSD:	1.49	1.49	1.50	

=====
 Element: K Seq. No.: 12 AS Loc.: --- Date: 10/03/2001
 Sample ID: 23607dup
 =====

Repl #	SampleConc μg/L	StndConc μg/L	Blncorr Signal	Time
1	503.5	503.5	0.052	09:53:33
2	500.4	500.4	0.051	09:53:40
3	493.9	493.9	0.051	09:53:47
4	488.5	488.5	0.050	09:53:54
Mean:	496.6	496.6	0.051	
SD :	6.721	6.721	0.001	
%RSD:	1.35	1.35	1.37	

=====
 Element: K Seq. No.: 13 AS Loc.: --- Date: 10/03/2001
 Sample ID: 23607spk
 =====

Repl #	SampleConc μg/L	StndConc μg/L	Blncorr Signal	Time
1	2499	499.7	0.051	09:54:28
2	2542	508.4	0.052	09:54:35
3	2468	493.6	0.051	09:54:42
4	2448	489.7	0.050	09:54:50
Mean:	2489	497.9	0.051	
SD :	40.81	8.162	0.001	
%RSD:	1.64	1.64	1.66	

> high std
 ran as 1/5 dilute?

=====
 Element: K Seq. No.: 14 AS Loc.: --- Date: 10/03/2001
 Sample ID: 23650
 =====

Repl #	SampleConc μg/L	StndConc μg/L	Blncorr Signal	Time
1	565.2	565.2	0.058	09:55:17
2	532.7	532.7	0.055	09:55:24
3	541.5	541.5	0.056	09:55:32
4	537.4	537.4	0.055	09:55:39
Mean:	544.2	544.2	0.056	
SD :	14.46	14.46	0.002	
%RSD:	2.66	2.66	2.68	

=====
 Element: K Seq. No.: 15 AS Loc.: --- Date: 10/03/2001
 Sample ID: 23651
 =====

Repl #	SampleConc μg/L	StndConc μg/L	Blncorr Signal	Time
1	514.5	514.5	0.053	09:56:01
2	526.6	526.6	0.054	09:56:08
3	515.1	515.1	0.053	09:56:15
4	508.9	508.9	0.052	09:56:22
Mean:	516.3	516.3	0.053	
SD :	7.438	7.438	0.001	
%RSD:	1.44	1.44	1.45	

=====
Element: K Seq. No.: 16 AS Loc.: --- Date: 10/03/2001
Sample ID: 23652
=====

Repl #	SampleConc $\mu\text{g/L}$	StndConc $\mu\text{g/L}$	BlkCorr Signal	Time
1	560.6	560.6	0.058	09:56:45
2	541.9	541.9	0.056	09:56:52
3	529.2	529.2	0.054	09:56:59
4	530.6	530.6	0.055	09:57:07
Mean:	540.6	540.6	0.056	
SD :	14.53	14.53	0.002	
%RSD:	2.69	2.69	2.71	

=====
Element: K Seq. No.: 17 AS Loc.: --- Date: 10/03/2001
Sample ID: 23653
=====

Repl #	SampleConc $\mu\text{g/L}$	StndConc $\mu\text{g/L}$	BlkCorr Signal	Time
1	495.3	495.3	0.051	09:57:30
2	500.8	500.8	0.051	09:57:37
3	487.4	487.4	0.050	09:57:44
4	474.8	474.8	0.049	09:57:52
Mean:	489.6	489.6	0.050	
SD :	11.28	11.28	0.001	
%RSD:	2.30	2.30	2.33	

=====
Element: K Seq. No.: 18 AS Loc.: --- Date: 10/03/2001
Sample ID: 23654
=====

Repl #	SampleConc $\mu\text{g/L}$	StndConc $\mu\text{g/L}$	BlkCorr Signal	Time
1	524.2	524.2	0.054	09:58:18
2	505.8	505.8	0.052	09:58:25
3	511.9	511.9	0.053	09:58:32
4	514.7	514.7	0.053	09:58:39
Mean:	514.1	514.1	0.053	
SD :	7.674	7.674	0.001	
%RSD:	1.49	1.49	1.51	

=====
Element: K Seq. No.: 19 AS Loc.: --- Date: 10/03/2001
Sample ID: 23655
=====

Repl #	SampleConc $\mu\text{g/L}$	StndConc $\mu\text{g/L}$	BlkCorr Signal	Time
1	498.6	498.6	0.051	09:59:11
2	516.1	516.1	0.053	09:59:19
3	499.5	499.5	0.051	09:59:26
4	502.4	502.4	0.052	09:59:33
Mean:	504.2	504.2	0.052	
SD :	8.122	8.122	0.001	
%RSD:	1.61	1.61	1.63	

=====
Element: K Seq. No.: 20 AS Loc.: --- Date: 10/03/2001
Sample ID: QCS
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Time
1	465.7	465.7	0.048	09:59:59
2	484.2	484.2	0.050	10:00:06
3	487.0	487.0	0.050	10:00:14
4	465.3	465.3	0.048	10:00:21
Mean:	475.5	475.5	0.049	
SD :	11.66	11.66	0.001	
%RSD:	2.45	2.45	2.48	

=====
Element: K Seq. No.: 21 AS Loc.: --- Date: 10/03/2001
Sample ID: 23656
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Time
1	486.5	486.5	0.050	10:00:46
2	472.7	472.7	0.049	10:00:53
3	503.3	503.3	0.052	10:01:01
4	496.8	496.8	0.051	10:01:08
Mean:	489.8	489.8	0.050	
SD :	13.35	13.35	0.001	
%RSD:	2.73	2.73	2.75	

=====
Element: K Seq. No.: 22 AS Loc.: --- Date: 10/03/2001
Sample ID: 23697
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Time
1	513.1	513.1	0.053	10:01:34
2	508.2	508.2	0.052	10:01:41
3	499.5	499.5	0.051	10:01:49
4	507.8	507.8	0.052	10:01:56
Mean:	507.1	507.1	0.052	
SD :	5.647	5.647	0.001	
%RSD:	1.11	1.11	1.12	

=====
Element: K Seq. No.: 23 AS Loc.: --- Date: 10/03/2001
Sample ID: 23698
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Time
1	1832	1832	0.190	10:02:18
2	1797	1797	0.186	10:02:25
3	1814	1814	0.188	10:02:32
4	1793	1793	0.186	10:02:40
Mean:	1809	1809	0.187	
SD :	18.05	18.05	0.002	
%RSD:	1.00	1.00	1.00	

=====
 Element: K Seq. No.: 24 AS Loc.: --- Date: 10/03/2001
 Sample ID: 23699
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Time
1	525.8	525.8	0.054	10:03:06
2	519.2	519.2	0.053	10:03:13
3	527.9	527.9	0.054	10:03:20
4	513.3	513.3	0.053	10:03:27
Mean:	521.6	521.6	0.054	
SD :	6.651	6.651	0.001	
%RSD:	1.28	1.28	1.29	

=====
 Element: K Seq. No.: 25 AS Loc.: --- Date: 10/03/2001
 Sample ID: 23717
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Time
1	529.2	529.2	0.054	10:03:50
2	525.8	525.8	0.054	10:03:57
3	420.0	420.0	0.043	10:04:04
4	515.6	515.6	0.053	10:04:11
Mean:	497.7	497.7	0.051	
SD :	52.10	52.10	0.005	
%RSD:	10.47	10.47	10.57	

=====
 Element: K Seq. No.: 26 AS Loc.: --- Date: 10/03/2001
 Sample ID: 23717
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Time
1	507.7	507.7	0.052	10:04:23
2	513.7	513.7	0.053	10:04:30
3	497.5	497.5	0.051	10:04:38
4	522.2	522.2	0.054	10:04:45
Mean:	510.3	510.3	0.052	
SD :	10.40	10.40	0.001	
%RSD:	2.04	2.04	2.06	

=====
 Element: K Seq. No.: 27 AS Loc.: --- Date: 10/03/2001
 Sample ID: 23718
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Time
1	499.0	499.0	0.051	10:05:08
2	487.6	487.6	0.050	10:05:15
3	492.6	492.6	0.051	10:05:22
4	486.1	486.1	0.050	10:05:29
Mean:	491.3	491.3	0.051	
SD :	5.815	5.815	0.001	
%RSD:	1.18	1.18	1.20	

=====
Element: K Seq. No.: 28 AS Loc.: --- Date: 10/03/2001
Sample ID: 23719

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Time
1	502.8	502.8	0.052	10:05:49
2	490.7	490.7	0.050	10:05:57
3	515.0	515.0	0.053	10:06:04
4	504.3	504.3	0.052	10:06:11
Mean:	503.2	503.2	0.052	
SD :	9.960	9.960	0.001	
%RSD:	1.98	1.98	2.00	

=====
Element: K Seq. No.: 29 AS Loc.: --- Date: 10/03/2001
Sample ID: 23720

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Time
1	460.3	460.3	0.047	10:06:33
2	479.5	479.5	0.049	10:06:41
3	469.9	469.9	0.048	10:06:48
4	480.9	480.9	0.049	10:06:55
Mean:	472.7	472.7	0.049	
SD :	9.572	9.572	0.001	
%RSD:	2.03	2.03	2.05	

=====
Element: K Seq. No.: 30 AS Loc.: --- Date: 10/03/2001
Sample ID: 23721

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Time
1	600.9	600.9	0.062	10:07:20
2	599.2	599.2	0.062	10:07:27
3	589.4	589.4	0.061	10:07:34
4	585.2	585.2	0.060	10:07:41
Mean:	593.7	593.7	0.061	
SD :	7.632	7.632	0.001	
%RSD:	1.29	1.29	1.30	

=====
Element: K Seq. No.: 31 AS Loc.: --- Date: 10/03/2001
Sample ID: QCS

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Time
1	475.8	475.8	0.049	10:08:06
2	480.2	480.2	0.049	10:08:13
3	479.6	479.6	0.049	10:08:20
4	467.2	467.2	0.048	10:08:27
Mean:	475.7	475.7	0.049	
SD :	6.019	6.019	0.001	
%RSD:	1.27	1.27	1.28	

=====
Element: K Seq. No.: 32 AS Loc.: --- Date: 10/03/2001
Sample ID: 23722
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Time
1	477.0	477.0	0.049	10:08:57
2	489.3	489.3	0.050	10:09:04
3	490.3	490.3	0.050	10:09:11
4	477.5	477.5	0.049	10:09:18
Mean:	483.5	483.5	0.050	
SD :	7.281	7.281	0.001	
%RSD:	1.51	1.51	1.52	

=====
Element: K Seq. No.: 33 AS Loc.: --- Date: 10/03/2001
Sample ID: 23723
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Time
1	467.7	467.7	0.048	10:09:40
2	472.5	472.5	0.049	10:09:47
3	462.8	462.8	0.048	10:09:54
4	467.2	467.2	0.048	10:10:01
Mean:	467.6	467.6	0.048	
SD :	4.000	4.000	0.000	
%RSD:	0.86	0.86	0.86	

=====
Element: K Seq. No.: 34 AS Loc.: --- Date: 10/03/2001
Sample ID: 23797
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Time
1	460.7	460.7	0.047	10:10:23
2	472.0	472.0	0.049	10:10:30
3	459.4	459.4	0.047	10:10:37
4	451.4	451.4	0.046	10:10:45
Mean:	460.9	460.9	0.047	
SD :	8.481	8.481	0.001	
%RSD:	1.84	1.84	1.86	

=====
Element: K Seq. No.: 35 AS Loc.: --- Date: 10/03/2001
Sample ID: 23798
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Time
1	1868	1868	0.193	10:11:06
2	1840	1840	0.191	10:11:13
3	1882	1882	0.195	10:11:21
4	1847	1847	0.191	10:11:28
Mean:	1859	1859	0.193	
SD :	19.29	19.29	0.002	
%RSD:	1.04	1.04	1.04	

=====
 Element: K Seq. No.: 36 AS Loc.: --- Date: 10/03/2001
 Sample ID: 23799
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Time
1	480.1	480.1	0.049	10:11:51
2	471.0	471.0	0.048	10:11:58
3	477.1	477.1	0.049	10:12:05
4	461.1	461.1	0.047	10:12:12
Mean:	472.3	472.3	0.049	
SD :	8.417	8.417	0.001	
%RSD:	1.78	1.78	1.80	

=====
 Element: K Seq. No.: 37 AS Loc.: --- Date: 10/03/2001
 Sample ID: 23799dup
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Time
1	461.1	461.1	0.047	10:12:22
2	460.6	460.6	0.047	10:12:29
3	436.4	436.4	0.045	10:12:36
4	447.0	447.0	0.046	10:12:44
Mean:	451.3	451.3	0.046	
SD :	11.85	11.85	0.001	
%RSD:	2.63	2.63	2.65	

=====
 Element: K Seq. No.: 38 AS Loc.: --- Date: 10/03/2001
 Sample ID: 23799spk
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Time
1	2584	516.8	0.053	10:13:06
2	2622	524.3	0.054	10:13:13
3	2548	509.6	0.052	10:13:21
4	2597	519.3	0.053	10:13:28
Mean:	2587	517.5	0.053	
SD :	30.77	6.154	0.001	
%RSD:	1.19	1.19	1.20	

=====
 Element: K Seq. No.: 39 AS Loc.: --- Date: 10/03/2001
 Sample ID: 23833
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Time
1	535.4	535.4	0.055	10:13:53
2	536.1	536.1	0.055	10:14:00
3	538.2	538.2	0.055	10:14:08
4	518.1	518.1	0.053	10:14:15
Mean:	532.0	532.0	0.055	
SD :	9.303	9.303	0.001	
%RSD:	1.75	1.75	1.77	

=====
Element: K Seq. No.: 40 AS Loc.: --- Date: 10/03/2001
Sample ID: 23834
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Time
1	462.7	462.7	0.048	10:14:35
2	472.5	472.5	0.049	10:14:43
3	477.8	477.8	0.049	10:14:50
4	468.5	468.5	0.048	10:14:57
Mean:	470.4	470.4	0.048	
SD :	6.375	6.375	0.001	
%RSD:	1.36	1.36	1.37	

=====
Element: K Seq. No.: 41 AS Loc.: --- Date: 10/03/2001
Sample ID: QCS
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Time
1	470.0	470.0	0.048	10:15:19
2	477.6	477.6	0.049	10:15:26
3	472.8	472.8	0.049	10:15:33
4	472.9	472.9	0.049	10:15:40
Mean:	473.3	473.3	0.049	
SD :	3.120	3.120	0.000	
%RSD:	0.66	0.66	0.67	

=====
Element: K Seq. No.: 42 AS Loc.: --- Date: 10/03/2001
Sample ID: 23835
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Time
1	495.7	495.7	0.051	10:16:00
2	483.5	483.5	0.050	10:16:07
3	487.9	487.9	0.050	10:16:14
4	466.0	466.0	0.048	10:16:22
Mean:	483.3	483.3	0.050	
SD :	12.55	12.55	0.001	
%RSD:	2.60	2.60	2.62	

=====
Element: K Seq. No.: 43 AS Loc.: --- Date: 10/03/2001
Sample ID: 23836
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Time
1	596.6	596.6	0.061	10:16:47
2	642.0	642.0	0.066	10:16:54
3	622.7	622.7	0.064	10:17:02
4	618.3	618.3	0.064	10:17:09
Mean:	619.9	619.9	0.064	
SD :	18.61	18.61	0.002	
%RSD:	3.00	3.00	3.03	

=====
Element: K Seq. No.: 44 AS Loc.: --- Date: 10/03/2001
Sample ID: 23837
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Time
1	487.9	487.9	0.050	10:17:32
2	492.7	492.7	0.051	10:17:40
3	477.8	477.8	0.049	10:17:47
4	477.1	477.1	0.049	10:17:54
Mean:	483.9	483.9	0.050	
SD :	7.687	7.687	0.001	
%RSD:	1.59	1.59	1.60	

=====
Element: K Seq. No.: 45 AS Loc.: --- Date: 10/03/2001
Sample ID: 23838
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Time
1	516.0	516.0	0.053	10:18:16
2	493.9	493.9	0.051	10:18:23
3	480.5	480.5	0.049	10:18:30
4	470.2	470.2	0.048	10:18:38
Mean:	490.2	490.2	0.050	
SD :	19.80	19.80	0.002	
%RSD:	4.04	4.04	4.08	

=====
Element: K Seq. No.: 46 AS Loc.: --- Date: 10/03/2001
Sample ID: 23839
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Time
1	475.2	475.2	0.049	10:19:03
2	480.2	480.2	0.049	10:19:10
3	464.9	464.9	0.048	10:19:17
4	462.5	462.5	0.048	10:19:24
Mean:	470.7	470.7	0.048	
SD :	8.395	8.395	0.001	
%RSD:	1.78	1.78	1.80	

=====
Element: K Seq. No.: 47 AS Loc.: --- Date: 10/03/2001
Sample ID: 23900
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Time
1	510.2	510.2	0.052	10:19:47
2	514.0	514.0	0.053	10:19:54
3	511.2	511.2	0.053	10:20:01
4	499.7	499.7	0.051	10:20:08
Mean:	508.7	508.7	0.052	
SD :	6.233	6.233	0.001	
%RSD:	1.23	1.23	1.24	

=====
Element: K Seq. No.: 48 AS Loc.: --- Date: 10/03/2001
Sample ID: 23901
=====

Repl #	SampleConc $\mu\text{g/L}$	StndConc $\mu\text{g/L}$	BlnkCorr Signal	Time
1	508.1	508.1	0.052	10:20:32
2	506.9	506.9	0.052	10:20:39
3	490.0	490.0	0.050	10:20:46
4	501.2	501.9	0.052	10:20:54
Mean:	501.7	501.7	0.052	
SD :	8.262	8.262	0.001	
%RSD:	1.65	1.65	1.66	

=====
Element: K Seq. No.: 49 AS Loc.: --- Date: 10/03/2001
Sample ID: 23902
=====

Repl #	SampleConc $\mu\text{g/L}$	StndConc $\mu\text{g/L}$	BlnkCorr Signal	Time
1	495.6	495.6	0.051	10:21:19
2	482.9	482.9	0.050	10:21:26
3	512.1	512.1	0.053	10:21:33
4	472.8	472.8	0.049	10:21:40
Mean:	490.9	490.9	0.050	
SD :	16.94	16.94	0.002	
%RSD:	3.45	3.45	3.49	

=====
Element: K Seq. No.: 50 AS Loc.: --- Date: 10/03/2001
Sample ID: 23903
=====

Repl #	SampleConc $\mu\text{g/L}$	StndConc $\mu\text{g/L}$	BlnkCorr Signal	Time
1	540.4	540.4	0.056	10:22:03
2	556.9	556.9	0.057	10:22:10
3	526.4	526.4	0.054	10:22:17
4	544.6	544.6	0.056	10:22:24
Mean:	542.1	542.1	0.056	
SD :	12.60	12.60	0.001	
%RSD:	2.32	2.32	2.35	

=====
Element: K Seq. No.: 51 AS Loc.: --- Date: 10/03/2001
Sample ID: QCS
=====

Repl #	SampleConc $\mu\text{g/L}$	StndConc $\mu\text{g/L}$	BlnkCorr Signal	Time
1	508.4	508.4	0.052	10:22:51
2	496.3	496.3	0.051	10:22:58
3	476.6	476.6	0.049	10:23:05
4	490.6	490.6	0.050	10:23:13
Mean:	493.0	493.0	0.051	
SD :	13.22	13.22	0.001	
%RSD:	2.68	2.68	2.71	

=====
 Element: K Seq. No.: 52 AS Loc.: --- Date: 10/03/2001
 Sample ID: 23904
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Time
1	452.0	452.0	0.046	10:23:40
2	478.3	478.3	0.049	10:23:47
3	474.1	474.1	0.049	10:23:55
4	476.5	476.5	0.049	10:24:02
Mean:	470.2	470.2	0.048	
SD :	12.26	12.26	0.001	
%RSD:	2.61	2.61	2.64	

=====
 Element: K Seq. No.: 53 AS Loc.: --- Date: 10/03/2001
 Sample ID: 23905
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Time
1	413.0	413.0	0.042	10:24:23
2	430.0	430.0	0.044	10:24:30
3	412.8	412.8	0.042	10:24:37
4	420.5	420.5	0.043	10:24:45
Mean:	419.1	419.1	0.043	
SD :	8.109	8.109	0.001	
%RSD:	1.93	1.93	1.96	

=====
 Element: K Seq. No.: 54 AS Loc.: --- Date: 10/03/2001
 Sample ID: 23906
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Time
1	460.6	460.6	0.047	10:25:07
2	444.7	444.7	0.046	10:25:14
3	462.2	462.2	0.047	10:25:21
4	449.0	449.0	0.046	10:25:29
Mean:	454.1	454.1	0.047	
SD :	8.583	8.583	0.001	
%RSD:	1.89	1.89	1.91	

=====
 Element: K Seq. No.: 55 AS Loc.: --- Date: 10/03/2001
 Sample ID: 23909
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Time
1	446.1	446.1	0.046	10:25:54
2	435.8	435.8	0.045	10:26:01
3	435.4	435.4	0.045	10:26:08
4	431.8	431.8	0.044	10:26:16
Mean:	437.3	437.3	0.045	
SD :	6.148	6.148	0.001	
%RSD:	1.41	1.41	1.42	

=====
Element: K Seq. No.: 56 AS Loc.: --- Date: 10/03/2001
Sample ID: 23910
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Time
1	504.1	504.1	0.052	10:26:47
2	504.6	504.6	0.052	10:26:54
3	503.0	503.0	0.052	10:27:01
4	507.0	507.0	0.052	10:27:09
Mean:	504.6	504.6	0.052	
SD :	1.681	1.681	0.000	
%RSD:	0.33	0.33	0.34	

=====
Element: K Seq. No.: 57 AS Loc.: --- Date: 10/03/2001
Sample ID: 23947
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Time
1	512.4	512.4	0.053	10:27:33
2	526.3	526.3	0.054	10:27:40
3	528.2	528.2	0.054	10:27:48
4	499.5	499.5	0.051	10:27:55
Mean:	516.6	516.6	0.053	
SD :	13.43	13.43	0.001	
%RSD:	2.60	2.60	2.62	

=====
Element: K Seq. No.: 58 AS Loc.: --- Date: 10/03/2001
Sample ID: 23948
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Time
1	484.9	484.9	0.050	10:28:20
2	494.2	494.2	0.051	10:28:27
3	483.9	483.9	0.050	10:28:34
4	484.9	484.9	0.050	10:28:41
Mean:	487.0	487.0	0.050	
SD :	4.858	4.858	0.001	
%RSD:	1.00	1.00	1.01	

=====
Element: K Seq. No.: 59 AS Loc.: --- Date: 10/03/2001
Sample ID: 24046
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Time
1	483.4	483.4	0.050	10:29:08
2	471.5	471.5	0.048	10:29:16
3	473.4	473.4	0.049	10:29:23
4	466.3	466.3	0.048	10:29:30
Mean:	473.7	473.7	0.049	
SD :	7.171	7.171	0.001	
%RSD:	1.51	1.51	1.53	

=====
Element: K Seq. No.: 60 AS Loc.: --- Date: 10/03/2001
Sample ID: 24047
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Time
1	502.3	502.3	0.052	10:29:52
2	505.3	505.3	0.052	10:30:00
3	505.8	505.8	0.052	10:30:07
4	494.2	494.2	0.051	10:30:15
Mean:	501.9	501.9	0.052	
SD :	5.378	5.378	0.001	
%RSD:	1.07	1.07	1.08	

=====
Element: K Seq. No.: 61 AS Loc.: --- Date: 10/03/2001
Sample ID: QCS
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Time
1	505.3	505.3	0.052	10:30:35
2	520.1	520.1	0.053	10:30:42
3	525.5	525.5	0.054	10:30:49
4	516.3	516.3	0.053	10:30:57
Mean:	516.8	516.8	0.053	
SD :	8.534	8.534	0.001	
%RSD:	1.65	1.65	1.67	

=====
Element: K Seq. No.: 62 AS Loc.: --- Date: 10/03/2001
Sample ID: 24048
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Time
1	465.6	465.6	0.048	10:31:19
2	465.1	465.1	0.048	10:31:26
3	464.7	464.7	0.048	10:31:33
4	454.5	454.5	0.047	10:31:40
Mean:	462.5	462.5	0.048	
SD :	5.349	5.349	0.001	
%RSD:	1.16	1.16	1.17	

=====
Element: K Seq. No.: 63 AS Loc.: --- Date: 10/03/2001
Sample ID: 24049
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Time
1	514.9	514.9	0.053	10:31:59
2	525.9	525.9	0.054	10:32:06
3	514.7	514.7	0.053	10:32:13
4	496.7	496.7	0.051	10:32:21
Mean:	513.0	513.0	0.053	
SD :	12.08	12.08	0.001	
%RSD:	2.36	2.36	2.38	

=====
Element: K Seq. No.: 64 AS Loc.: --- Date: 10/03/2001
Sample ID: 24050
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Time
1	550.7	550.7	0.057	10:32:40
2	547.9	547.9	0.056	10:32:47
3	538.6	538.6	0.055	10:32:55
4	529.9	529.9	0.055	10:33:02
Mean:	541.8	541.8	0.056	
SD :	9.449	9.449	0.001	
%RSD:	1.74	1.74	1.76	

=====
Element: K Seq. No.: 65 AS Loc.: --- Date: 10/03/2001
Sample ID: 24051
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Time
1	429.7	429.7	0.044	10:33:23
2	439.4	439.4	0.045	10:33:30
3	440.0	440.0	0.045	10:33:37
4	438.6	438.6	0.045	10:33:44
Mean:	436.9	436.9	0.045	
SD :	4.884	4.884	0.001	
%RSD:	1.12	1.12	1.13	

=====
Element: K Seq. No.: 66 AS Loc.: --- Date: 10/03/2001
Sample ID: 24052
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Time
1	499.1	499.1	0.051	10:34:04
2	490.5	490.5	0.050	10:34:11
3	468.6	468.6	0.048	10:34:19
4	504.7	504.7	0.052	10:34:26
Mean:	490.7	490.7	0.050	
SD :	15.85	15.85	0.002	
%RSD:	3.23	3.23	3.26	

=====
Element: K Seq. No.: 67 AS Loc.: --- Date: 10/03/2001
Sample ID: 24149
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Time
1	38.52	38.52	0.003	10:34:51
2	31.89	31.89	0.003	10:34:58
3	35.73	35.73	0.003	10:35:05
4	38.51	38.51	0.003	10:35:12
Mean:	36.16	36.16	0.003	
SD :	3.138	3.138	0.000	
%RSD:	8.68	8.68	10.05	

=====
Element: K Seq. No.: 68 AS Loc.: --- Date: 10/03/2001
Sample ID: 24151
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Time
1	40.12	40.12	0.004	10:35:31
2	27.08	27.08	0.002	10:35:38
3	37.61	37.61	0.003	10:35:45
4	18.54	18.54	0.001	10:35:52
Mean:	30.84	30.84	0.003	
SD :	9.954	9.954	0.001	
%RSD:	32.28	32.28	38.42	

=====
Element: K Seq. No.: 69 AS Loc.: --- Date: 10/03/2001
Sample ID: 24153
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Time
1	34.73	34.73	0.003	10:36:13
2	33.23	33.23	0.003	10:36:20
3	38.86	38.86	0.004	10:36:27
4	32.99	32.99	0.003	10:36:35
Mean:	34.95	34.95	0.003	
SD :	2.714	2.714	0.000	
%RSD:	7.76	7.76	9.04	

=====
Element: K Seq. No.: 70 AS Loc.: --- Date: 10/03/2001
Sample ID: 24155
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Time
1	35.11	35.11	0.003	10:36:59
2	32.78	32.78	0.003	10:37:07
3	34.21	34.21	0.003	10:37:14
4	38.35	38.35	0.003	10:37:21
Mean:	35.11	35.11	0.003	
SD :	2.365	2.365	0.000	
%RSD:	6.74	6.74	7.84	

=====
Element: K Seq. No.: 71 AS Loc.: --- Date: 10/03/2001
Sample ID: 24157
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Time
1	55.89	55.89	0.005	10:37:41
2	61.82	61.82	0.006	10:37:48
3	47.99	47.99	0.004	10:37:55
4	46.40	46.40	0.004	10:38:03
Mean:	53.03	53.03	0.005	
SD :	7.183	7.183	0.001	
%RSD:	13.55	13.55	14.93	

=====
Element: K Seq. No.: 72 AS Loc.: --- Date: 10/03/2001
Sample ID: 24157dup
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Time
1	38.70	38.70	0.004	10:38:14
2	38.91	38.91	0.004	10:38:21
3	36.27	36.27	0.003	10:38:28
4	50.57	50.57	0.005	10:38:35
Mean:	41.11	41.11	0.004	
SD :	6.416	6.416	0.001	
%RSD:	15.61	15.61	17.73	

=====
Element: K Seq. No.: 73 AS Loc.: --- Date: 10/03/2001
Sample ID: 24157spk
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Time
1	368.2	368.2	0.038	10:39:09
2	372.3	372.3	0.038	10:39:16
3	344.0	344.0	0.035	10:39:23
4	518.3	518.3	0.053	10:39:31
Mean:	400.7	400.7	0.041	
SD :	79.36	79.36	0.008	
%RSD:	19.81	19.81	20.05	

=====
Element: K Seq. No.: 74 AS Loc.: --- Date: 10/03/2001
Sample ID: spk
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Time
1	355.8	355.8	0.036	10:40:00
2	395.2	395.2	0.041	10:40:07
3	398.9	398.9	0.041	10:40:15
4	404.5	404.5	0.041	10:40:22
Mean:	388.6	388.6	0.040	
SD :	22.17	22.17	0.002	
%RSD:	5.71	5.71	5.78	

=====
Element: K Seq. No.: 75 AS Loc.: --- Date: 10/03/2001
Sample ID: qcs
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Time
1	526.4	526.4	0.054	10:40:57
2	529.5	529.5	0.054	10:41:04
3	515.7	515.7	0.053	10:41:11
4	527.3	527.3	0.054	10:41:19
Mean:	524.7	524.7	0.054	
SD :	6.187	6.187	0.001	
%RSD:	1.18	1.18	1.19	