

Sample Information File Untitled

Description : Kf1 9/24/01
 Batch ID :
 Volume Units :
 Weight Units :
 Analyst :
 Sample Volume : 1.000
 Nominal Weight : 1.000000

DATE ANALYZED	<u>9/24/01</u>
TIME ANALYZED	<u>3:00</u>
ANALYST INITIALS	<u>Mo</u>
REVIEWED BY	<u>[Signature]</u>

AS Sample ID Loc	Sample Sample Weight Units	User Dilution	Remarks
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1 QCS
 2 22752
 3 22752dup
 4 22752spk
 5 22753
 6 22754
 7 22760
 8 22761
 9 22762
 10 22913
 11 QCS

5.0000

QC Reviewed by,

[Signature] 11/7/01

12 22914
 13 22915
 14 22916
 15 22917
 16 22918
 17 22919
 18 22974
 19 22975
 20 22976
 21 QCS
 22 22977
 23 22978
 24 22979

25 23025] Not DCP
 26 23079

27 23079dup
 28 23079spk

5.0000

29 23080
 30 23081
 31 QCS
 32 23082
 33 23083
 34 23084
 35 23085
 36 23123
 37 23124
 38 23125
 39 23258
 40 23259
 41 QCS
 42 23260
 43 23261
 44 23262
 45 23263
 46 23264
 47 23270
 48 23271
 49 23272

2	-0.047	17:01:30
3	-0.047	17:01:38
4	-0.046	17:01:45
Mean:	-0.047	
SD :	0.000	
%RSD:	0.95	

Auto-zero performed. ✓

=====

Element: K Seq. No.: 2 AS Loc.: --- Date: 09/24/2001

Sample ID: Calib Blank

Repl	SampleConc	StndConc	BlkCorr	Time
#	µg/L	µg/L	Signal	
1			-0.001	17:01:55
2			-0.001	17:02:02
3			0.000	17:02:09
4			0.000	17:02:17
Mean:			0.000	
SD :			0.000	
%RSD:			86.91	

Auto-zero performed. ✓

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Element: K Seq. No.: 3 AS Loc.: --- Date: 09/24/2001

Sample ID: S100

Repl	SampleConc	StndConc	BlkCorr	Time
#	µg/L	µg/L	Signal	
1			0.009	17:02:43
2			0.008	17:02:50
3			0.009	17:02:57
4			0.010	17:03:04
Mean:			0.009	
SD :			0.001	
%RSD:			10.69	

Standard number 1 applied. [100] ✓

Correlation Coefficient: 1.0000

Slope: 0.0001

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Element: K Seq. No.: 4 AS Loc.: --- Date: 09/24/2001

Sample ID: S200

Repl	SampleConc	StndConc	BlkCorr	Time
#	µg/L	µg/L	Signal	
1			0.016	17:03:30
2			0.017	17:03:37
3			0.017	17:03:44
4			0.017	17:03:52
Mean:			0.017	
SD :			0.000	
%RSD:			2.50	

Standard number 2 applied. [200] ✓

Correlation Coefficient: 0.9988

Slope: 0.0001

=====
 Element: K Seq. No.: 5 AS Loc.: --- Date: 09/24/2001
 Sample ID: S400
 =====

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Time
1			0.031	17:04:16
2			0.032	17:04:24
3			0.033	17:04:31
4			0.032	17:04:38

Mean: 0.032
 SD : 0.001
 %RSD: 2.48

Standard number 3 applied. [400] ✓

Correlation Coefficient: 0.9993

Slope: 0.0001

=====
 Element: K Seq. No.: 6 AS Loc.: --- Date: 09/24/2001
 Sample ID: S800
 =====

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Time
1			0.060	17:05:06
2			0.058	17:05:13
3			0.058	17:05:21
4			0.058	17:05:28

Mean: 0.059
 SD : 0.001
 %RSD: 1.16

Standard number 4 applied. [800] ✓

Correlation Coefficient: 0.9989

Slope: 0.0001

=====
 Element: K Seq. No.: 7 AS Loc.: --- Date: 09/24/2001
 Sample ID: S1000
 =====

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Time
1			0.075	17:05:57
2			0.070	17:06:04
3			0.083	17:06:12
4			0.072	17:06:19

Mean: 0.075
 SD : 0.006
 %RSD: 8.00

Standard number 5 applied. [1000] ✓

Correlation Coefficient: 0.9994

Slope: 0.0001

=====
 Element: K Seq. No.: 8 AS Loc.: --- Date: 09/24/2001
 Sample ID: S2000
 =====

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Time
1			0.153	17:06:46
2			0.147	17:06:53
3			0.145	17:07:00
4			0.140	17:07:08

Mean: 0.146
 SD : 0.005
 %RSD: 3.71

The calibration curve may not be linear.

Standard number 6 applied. [2000]

Correlation Coefficient: 0.9998

Slope: 0.0001

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 Element: K Seq. No.: 9 AS Loc.: --- Date: 09/24/2001
 Sample ID: QCS
 =====

Repl #	SampleConc μg/L	StndConc μg/L	BlnkCorr Signal	Time
1	461.9	461.9	0.035	17:10:02
2	451.1	451.1	0.034	17:10:09
3	476.0	476.0	0.036	17:10:16
4	439.1	439.1	0.033	17:10:23
Mean:	457.0	457.0	0.035	
SD :	15.70	15.70	0.001	
%RSD:	3.44	3.44	3.28	

=====
 Element: K Seq. No.: 10 AS Loc.: --- Date: 09/24/2001
 Sample ID: 22752
 =====

Repl #	SampleConc μg/L	StndConc μg/L	BlnkCorr Signal	Time
1	447.2	447.2	0.034	17:10:45
2	450.4	450.4	0.034	17:10:52
3	459.4	459.4	0.035	17:10:59
4	451.5	451.5	0.034	17:11:07
Mean:	452.1	452.1	0.034	
SD :	5.190	5.190	0.000	
%RSD:	1.15	1.15	1.10	

=====
 Element: K Seq. No.: 11 AS Loc.: --- Date: 09/24/2001
 Sample ID: 22752dup
 =====

Repl #	SampleConc μg/L	StndConc μg/L	BlnkCorr Signal	Time
1	441.7	441.7	0.034	17:11:16
2	440.7	440.7	0.034	17:11:23
3	457.8	457.8	0.035	17:11:30
4	446.7	446.7	0.034	17:11:38
Mean:	446.7	446.7	0.034	
SD :	7.832	7.832	0.001	
%RSD:	1.75	1.75	1.67	

=====
 Element: K Seq. No.: 12 AS Loc.: --- Date: 09/24/2001
 Sample ID: 22752spk
 =====

Repl #	SampleConc μg/L	StndConc μg/L	BlnkCorr Signal	Time
1	288.2	288.2	0.022	17:12:00
2	296.4	296.4	0.023	17:12:08
3	299.4	299.4	0.023	17:12:15
4	292.0	292.0	0.023	17:12:22
Mean:	294.0	294.0	0.023	
SD :	4.937	4.937	0.000	
%RSD:	1.68	1.68	1.57	

Spike is lower?

X5 Spike TV = 200
 450 Sample
 400 Spike
 950

=====
 Element: K Seq. No.: 13 AS Loc.: --- Date: 09/24/2001
 Sample ID: 22753
 =====

Repl #	SampleConc $\mu\text{g/L}$	StdConc $\mu\text{g/L}$	BlkCorr Signal	Time
1	1981	1981	0.145	17:12:53
2	1923	1923	0.141	17:13:00
3	1954	1954	0.143	17:13:07
4	1919	1919	0.141	17:13:15
Mean:	1944	1944	0.143	
SD :	29.24	29.24	0.002	
%RSD:	1.50	1.50	1.49	

=====
 Element: K Seq. No.: 14 AS Loc.: --- Date: 09/24/2001
 Sample ID: 22754
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Repl #	SampleConc $\mu\text{g/L}$	StdConc $\mu\text{g/L}$	BlkCorr Signal	Time
1	427.5	427.5	0.033	17:13:38
2	437.0	437.0	0.033	17:13:45
3	432.2	432.2	0.033	17:13:53
4	446.3	446.3	0.034	17:14:00
Mean:	435.8	435.8	0.033	
SD :	8.040	8.040	0.001	
%RSD:	1.85	1.85	1.76	

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 Element: K Seq. No.: 15 AS Loc.: --- Date: 09/24/2001
 Sample ID: 22760
 =====

Repl #	SampleConc $\mu\text{g/L}$	StdConc $\mu\text{g/L}$	BlkCorr Signal	Time
1	-10.84	-10.84	0.001	17:14:22
2	7.264	7.264	0.002	17:14:29
3	-3.022	-3.022	0.001	17:14:36
4	-3.003	-3.003	0.001	17:14:43
Mean:	-2.400	-2.400	0.001	
SD :	7.424	7.424	0.001	
%RSD:	309.4	309.4	39.02	

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 Element: K Seq. No.: 16 AS Loc.: --- Date: 09/24/2001
 Sample ID: 22761
 =====

Repl #	SampleConc $\mu\text{g/L}$	StdConc $\mu\text{g/L}$	BlkCorr Signal	Time
1	15.98	15.98	0.003	17:15:06
2	2.785	2.785	0.002	17:15:13
3	8.297	8.297	0.002	17:15:20
4	6.767	6.767	0.002	17:15:28
Mean:	8.458	8.458	0.002	
SD :	5.529	5.529	0.000	
%RSD:	65.37	65.37	18.50	

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Element: K Seq. No.: 17 AS Loc.: --- Date: 09/24/2001

Sample ID: 22762

Repl #	SampleConc $\mu\text{g/L}$	StndConc $\mu\text{g/L}$	BlkCorr Signal	Time
1	-35.34	-35.34	-0.001	17:15:50
2	-32.87	-32.87	-0.001	17:15:57
3	-26.14	-26.14	0.000	17:16:04
4	-33.84	-33.84	-0.001	17:16:11
Mean:	-32.05	-32.05	-0.001	
SD :	4.068	4.068	0.000	
%RSD:	12.69	12.69	38.29	

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Element: K Seq. No.: 18 AS Loc.: --- Date: 09/24/2001

Sample ID: 22913

Repl #	SampleConc $\mu\text{g/L}$	StndConc $\mu\text{g/L}$	BlkCorr Signal	Time
1	457.0	457.0	0.035	17:16:33
2	453.6	453.6	0.034	17:16:40
3	462.4	462.4	0.035	17:16:47
4	447.8	447.8	0.034	17:16:54
Mean:	455.2	455.2	0.035	
SD :	6.127	6.127	0.000	
%RSD:	1.35	1.35	1.29	

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Element: K Seq. No.: 19 AS Loc.: --- Date: 09/24/2001

Sample ID: QCS

Repl #	SampleConc $\mu\text{g/L}$	StndConc $\mu\text{g/L}$	BlkCorr Signal	Time
1	447.9	447.9	0.034	17:17:17
2	460.2	460.2	0.035	17:17:24
3	453.0	453.0	0.034	17:17:31
4	446.7	446.7	0.034	17:17:39
Mean:	451.9	451.9	0.034	
SD :	6.125	6.125	0.000	
%RSD:	1.36	1.36	1.29	

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Element: K Seq. No.: 20 AS Loc.: --- Date: 09/24/2001

Sample ID: 22914

Repl #	SampleConc $\mu\text{g/L}$	StndConc $\mu\text{g/L}$	BlkCorr Signal	Time
1	497.2	497.2	0.038	17:18:01
2	508.3	508.3	0.038	17:18:09
3	522.9	522.9	0.040	17:18:16
4	506.9	506.9	0.038	17:18:23
Mean:	508.8	508.8	0.038	
SD :	10.63	10.63	0.001	
%RSD:	2.09	2.09	2.00	

Stopped
run
AA problem