

Intoxilyzer 8000 Initial Inspection

Serial Number	<u>80-004935</u>
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- A. Power On 5 min. countdown 1 min.
- B. Security Checks. Level 1 Level 2 Level 3
- C. Gas Cylinder Setup
- D. Printer. Level 1 Func P Paper Feed Internal External
- E. Display is working.
- F. Configure Start Test Switch. Level 3 Func S Sub T
- G. Setup Preliminary Data. Level 2 Func E
- H. Configure General Setup. Level 3 Func S Sub G.
- I. Configure Port. Level 3 Func S Sub N
- J. Check Camera. ABA Mode Oper ID ND Lic. Hot Key "R"
- K. Diagnostic Test. Level 2 Func D
- L. Check Ser Num / Version Level 2 Func V
80-004935 Serial No. 8164.13 Version 1362.14 Display 7 CPLD
- M. Detector Voltages. Level 3 Func D Sub D
3 12685 s 1 C 47.00
9 13234 s 2 B 45 0 RFI Ind.
- N. Hot Keys
F5 Tone
F6 Green LED
F7 Red LED
F9 Fan
F10 Pump
F11 Sol Output
- O. RFI Dectector
- P. Atmospheric Monitor. Level 3 Func D Sub A. P 1020 CF 0.99

80-004935
5/3 FM

08/09

OFFICE OF ATTORNEY GENERAL
 CRIME LABORATORY DIVISION
 Toxicology Section/Breath Alcohol Program
 Instrument Certification and Maintenance Unit

BrF-005-8

Q. Flow Monitor. Level 3 Func D Sub F. R 188 F 0.000 L/s
 R. Temperature Monitor. Level 3 Func D Sub T
 C 47.0 A 47.5 I 0.0
 B 45.0 V 0.0
 S. Gas Tank Monitor. Level 3 Func D Sub G
 T. Configure Wet Bath Sim. Level 1 Func S
757 psi Intox 750 psi Reg
 U. Zero Alcohol Test Level 1 Func C
610329 Sim SN — Lot 0.00 Rep Value
0.000 AC 0.000 AC 0.000 AC
 V. Low AC Test. Level 1 Func C
DR5190 Sim SN — Lot 0.021 Rep Value
0.020 AC 0.020 AC 0.019 AC
 W. Linearity Test. Level 1 Func C
DR5113 Sim SN — Lot 0.285 Rep Value
0.280 AC 0.284 AC 0.285 AC
 X. Interferent Test. Level 1 Func B
 Acetone DR5186 Sim SN — Lot 0.05% Conc
 Display Printout
 Methanol DR3846 Sim SN — Lot 0.10% Conc
 Display Printout
 IPA DR3840 Sim SN — Lot 0.10% Conc
 Display Printout
 Y. Ambient Test
 Display Printout
 Z. Invalid Sample Test
 Display Printout
 AA. RFI Detector Test. CMS Mode
 Display Printout
 BB. Configure Dry Gas Standard. Level 1 Func S
 CC. Stability Test at 0.080AC. Level 3 Func T Sub S
0.0792 Ave. 0.0006 Std Dev 0.75% Rel Std Dev
 DD. Maintenance/Repairs Calibrated Opt Bench.

10 Feb 2010
 Date DK
~~16 Feb 2010~~ 12 Feb 2010
 Date

Mary Pearson
 Signature
Deb Kasher
 Reviewed by

08/09

80-004935
 4/23/10

TOXL
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-004935
 02/10/2010 08:27:32

Auto Calibration

pg 1 of 2

<<<<<		3um	>>>>>	<<<<<		9um	>>>>>
Solution = 0.000 g/210L or 0.0000 mg/l, Samples = 4, Discarded = 1							
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)		
Sample #1	0.0550	(-0.0320)		0.0610	(-0.0290)		
Sample #2	0.0450	(-0.0060)		0.0230	(-0.0110)		
Sample #3	0.0410	(0.0140)		0.0420	(-0.0180)		
Sample #4	0.0050	(0.0340)		0.0040	(0.0200)		
Avg % Abs	0.0303	(0.0140)		0.0230	(-0.0030)		
STD DEV	0.0220	(0.0200)		0.0190	(0.0202)		
REL STD DEV	72.627	(142.857)		82.609	(674.125)		

Solution = 0.021 g/210L or 0.1000 mg/l, Samples = 4, Discarded = 1							
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)		
Sample #1	0.4030	(-0.0170)		0.8540	(-0.0190)		
Sample #2	0.4160	(-0.0020)		0.8110	(0.0190)		
Sample #3	0.3720	(0.0290)		0.8010	(0.0520)		
Sample #4	0.4130	(0.0120)		0.8100	(0.0430)		
Avg % Abs	0.4003	(0.0130)		0.8073	(0.0380)		
STD DEV	0.0246	(0.0155)		0.0055	(0.0171)		
REL STD DEV	6.141	(119.417)		0.682	(44.891)		

Solution = 0.041 g/210L or 0.1952 mg/l, Samples = 4, Discarded = 1							
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)		
Sample #1	0.7970	(-0.0090)		1.6500	(-0.0040)		
Sample #2	0.8080	(-0.0120)		1.6090	(0.0360)		
Sample #3	0.7860	(0.0020)		1.5840	(0.0620)		
Sample #4	0.7580	(0.0140)		1.6000	(0.0530)		
Avg % Abs	0.7840	(0.0013)		1.5977	(0.0503)		
STD DEV	0.0251	(0.0130)		0.0127	(0.0132)		
REL STD DEV	3.196	(975.961)		0.793	(26.232)		

Solution = 0.106 g/210L or 0.5048 mg/l, Samples = 4, Discarded = 1							
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)		
Sample #1	1.9510	(0.0040)		3.9010	(-0.0080)		
Sample #2	1.9690	(0.0170)		3.9240	(-0.0180)		
Sample #3	2.0120	(-0.0050)		3.9190	(0.0120)		
Sample #4	1.9970	(0.0100)		3.9720	(-0.0130)		
Avg % Abs	1.9927	(0.0073)		3.9383	(-0.0063)		
STD DEV	0.0218	(0.0112)		0.0293	(0.0161)		
REL STD DEV	1.095	(153.270)		0.743	(253.780)		

Solution = 0.285 g/210L or 1.3571 mg/l, Samples = 4, Discarded = 1							
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)		
Sample #1	5.1040	(0.0040)		9.8290	(0.0070)		
Sample #2	5.1400	(0.0230)		9.9370	(0.0130)		
Sample #3	5.1950	(0.0080)		9.9060	(0.0310)		
Sample #4	5.1650	(0.0300)		9.9560	(0.0390)		
Avg % Abs	5.1667	(0.0203)		9.9330	(0.0277)		
STD DEV	0.0275	(0.0112)		0.0252	(0.0133)		
REL STD DEV	0.533	(55.278)		0.254	(48.132)		

*Calibration
 map
 p1 of 2*

80-004935
 7/23 KH

TOXL
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-004935
 02/10/2010 08:27:32

Auto Calibration

pg 2 of 2

```

  <<<<<      3um      >>>>>
  -----
  Zero Order Coef   -45.73
  First Order Coef  2518.41
  Second Order Coef  22.61
  
```

```

  <<<<<      9um      >>>>>
  -----
  -25.16
  1231.71
  13.81
  
```

```

  Act      Fit      Residual
  (g/210L) (g/210L) (g/210L)
  0.000    0.001    -0.0006
  0.021    0.020    0.0007
  0.041    0.041    0.0002
  0.106    0.106    -0.0003
  0.285    0.285    0.0000
  
```

```

  Act      Fit      Residual
  (g/210L) (g/210L) (g/210L)
  0.000    0.000    -0.0001
  0.021    0.021    0.0005
  0.041    0.042    -0.0005
  0.106    0.106    0.0002
  0.285    0.285    -0.0000
  
```

```

  <<<<<      3um      >>>>>
  -----
  Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1
  Sample
  Sample #1          3225.00          3280.00
  Sample #2          3294.00          3328.00
  Sample #3          3238.00          3322.00
  Sample #4          3309.00          3375.00
  Avg                3280.3333          3341.6667
  STD DEV            37.4210           29.0230
  REL STD DEV        1.141           0.869
  H2O adjust (mg/l*10k) 529           468
  
```

Atmospheric Pressure = 1020

*****CALIBRATION SUCCESSFUL*****

*Calit
map
p20.2*
 80-004935
 2/23 JKL

Intoxilyzer Test Record and Checklist
NDDAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004935
Location = TOXL 8164.13.00 06/09
02/09/2010 16:18

***** Printer Test *****

12 char/line
abcdefghijkl
ABCDEFGHIJKL

16 char per line
abcdefghijklmnop
ABCDEFGHIJKLMN

21 chars per line
abcdefghijklmnopqrstu
ABCDEFGHIJKLMNQRSTU

24 characters per line
abcdefghijklmnopqrstuvw
ABCDEFGHIJKLMNQRSTUWVX

32 characters per line
abcdefghijklmnopqrstuvwxy123456
ABCDEFGHIJKLMNQRSTUWXYZ123456

42 characters per line
abcdefghijklmnopqrstuvwxy1234567890abcdef
ABCDEFGHIJKLMNQRSTUWXYZ1234567890ABCDEF


Current Instrument Setup
Data Entry Mode: Enabled
Start Test Sequence: DABACABA
Display Prelim Rslt? Yes
Display Third Digit? Yes
Inhib Printer(Y/N)? No
Display Volume? No
Disable On MemFull? No
of Print Copies? 1
Select Std (D/W/I)? Wet
Standard Value? 0.000
Standard Solution #? 000000
Sim Serial #? 000000
Oper No? 107501

Flow Cal. Date: 01/20/2010
Slope 696
Intercept -664812

IR Calibration Date: 01/20/2010
Sum Sum

0th Coef(*100):	-16369	-21936
1st Coef(*100):	268110	132663
2nd Coef(*100):	1229	1051
#20 adj(mg/l*10K):	325	386

***** Test End *****


Operator Signature
MARGY PEARSON

Remarks:

Print

Form 106-18000

80-004935
9/23 JAH

Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004935
Location = TOXL 8164.13.00 06/09
02/10/2010 10:11

***** Printer Test *****

abcdefghijklmnopqrstuvwxyz1234567890-=_|
ABCDEFGHIJKLMNPOQRSTUVWXYZ!@#\$\$%^&*()_+?

abcdefghijklmnopqrstuvwxyz1234567890-=_|
ABCDEFGHIJKLMNPOQRSTUVWXYZ!@#\$\$%^&*()_+?

Current Instrument Setup

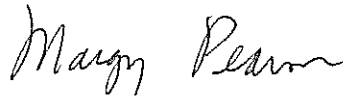
Data Entry Mode: Enabled
Start Test Sequence: DABACABA
Display Prelim Rslt? Yes
Display Third Digit? Yes
Inhib Printer(Y/N)? No
Display Volume? No
Disable On Memfull? No
of Print Copies? 1
Select Std (D/W/I)? Dry
Standard Value? 0.080
Standard Lot #? 659358
Standard Cyl #? 38
Standard Expiration? 09/03/2011
Oper No? 107501

Flow Cal. Date: 01/20/2010
Slope 696
Intercept -664812

IR Calibration Date: 02/10/2010
 3um 9um

	3um	9um
0th Coef(*100):	-4573	-2516
1st Coef(*100):	251841	123171
2nd Coef(*100):	2261	1381
H2O adj(mg/l*10k):	529	468

***** Printer Test End *****



Operator Signature
MARGY PEARSON

Remarks:

Print

Form 106-I8000

80-004935
10/23 KM

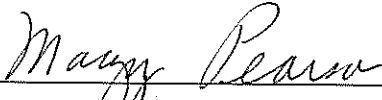
Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004935
Location = TOXL 8164.13.00 06/09
02/10/2010 09:13

Test	AC	Time
01 Room Air	0.000	09:14
02 *Subject Test	REF*	09:14
03 Room Air	0.000	09:15

*Subject Test Refused

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 11/01/1982
Sub Sex = Female Weight = 150
Test = DUI Cit = NA
Dr. Lic. = ND/DIS821456
Simul Ser No = 0000000
Std Sol No = 000000
County = 08 Oper No. = 107501



Operator Signature
MARGY PEARSON

Remarks:

Camera / Hot Key "R"

Form 106-I8000

80-004935
11/23 JAL

Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004935
Location = TOXL 8164.13.00 06/09
02/10/2010 09:15

DIAGNOSTIC

Voltage/Current Test	Pass
RAM Test	Pass
EEPROM Checksum Test	Pass
Real Time Clock Test	Pass
DSP Test	Pass
Analytical Stability Test	Pass
Modem Test	Pass
Temp Regulation Test	Pass

Oper No. = 107501

Margy Pearson

Operator Signature
MARGY PEARSON

Remarks:

Diagnostic

Form 106-I8000

80-004935
12/23 JAL

Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004935
Location = TOXL 8164.13.00 06/09
02/10/2010 09:22

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	09:23
02 Std. Sol.	0.000	09:24
03 Room Air	0.000	09:24
04 Std. Sol.	0.000	09:25
05 Room Air	0.000	09:25
06 Std. Sol.	0.000	09:26
07 Room Air	0.000	09:27

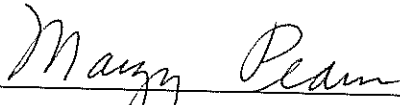
08 Sim Temp = 34.0°C

Simul Ser No = 0000000

Std Sol No = 000000

County = 08

Oper No. = 107501



Operator Signature
MARGY PEARSON

Remarks:

Zero 0.00 AC

Form 106-I8000

80-004935
13/23 KAL

Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004935
Location = TOXL 8164.13.00 06/09
02/10/2010 09:27

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	09:28
02 Std. Sol.	0.020	09:29
03 Room Air	0.000	09:29
04 Std. Sol.	0.020	09:30
05 Room Air	0.000	09:30
06 Std. Sol.	0.019	09:31
07 Room Air	0.000	09:31

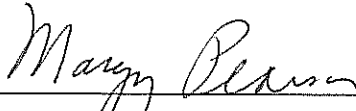
08 Sim Temp = 34.0°C

Simul Ser No = 0000000

Std Sol No = 000000

County = 08

Oper No. = 107501



Operator Signature
MARGY PEARSON

Remarks:

ACA LOW 0.021 AC

Form 106-I8000

80-004935
14/23 VR

Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004935
Location = TOXL 8164.13.00 06/09
02/10/2010 09:41

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	09:42
02 Std. Sol.	0.280	09:44
03 Room Air	0.000	09:44
04 Std. Sol.	0.284	09:45
05 Room Air	0.000	09:45
06 Std. Sol.	0.285	09:46
07 Room Air	0.000	09:47

08 Sim Temp = 34.0°C

Simul Ser No = 0000000

Std Sol No = 000000

County = 08

Oper No. = 107501



Operator Signature
MARGY PEARSON

Remarks:

Linearity - 0.285 AC

Form 106-I8000

80-004935
15/23 JDR

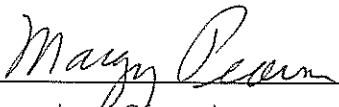
Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004935
Location = TOXL 8164.13.00 06/09
02/10/2010 09:52

Test	AC	Time
01 Room Air	0.000	09:53
02 *Subject Test	INT*	09:53
03 Room Air	0.000	09:54

*Invalid Test
Interferent Detected

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 11/01/1982
Sub Sex = Female Weight = 150
Test = DUI Cit = NA
Dr. Lic. = ND/DIS821456
Simul Ser No = 0000000
Std Sol No = 000000
County = 08 Oper No. = 107501



Operator Signature
MARGY PEARSON

Remarks:

Inter Acetone

Form 106-I8000

80-004935
14/23 YK

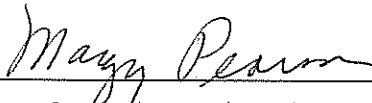
Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004935
Location = TOXL 8164.13.00 06/09
02/10/2010 09:54

Test	AC	Time
01 Room Air	0.000	09:56
02 *Subject Test	INT*	09:56
03 Room Air	0.000	09:57

*Invalid Test
Interferent Detected

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 11/01/1982
Sub Sex = Female Weight = 150
Test = DUI Cit = NA
Dr. Lic. = ND/DIS821456
Simul Ser No = 0000000
Std Sol No = 000000
County = 08 Oper No. = 107501



Operator Signature
MARGY PEARSON

Remarks:

Interfer MeOH

Form 106-I8000

80-004935
17/23 FK

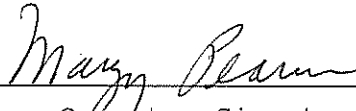
Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004935
Location = TOXL 8164.13.00 06/09
02/10/2010 09:57

Test	AC	Time
01 Room Air	0.000	09:58
02 *Subject Test	INT*	09:58
03 Room Air	0.000	09:59

*Invalid Test
Interferent Detected

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 11/01/1982
Sub Sex = Female Weight = 150
Test = DUI Cit = NA
Dr. Lic. = ND/DIS821456
Simul Ser No = 0000000
Std Sol No = 000000
County = 08 Oper No. = 107501



Operator Signature
MARGY PEARSON

Remarks:

Inter fer IPA

Form 106-18000

80-004935
11/23 FK

Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

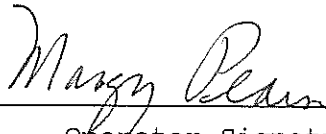
CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004935
Location = TOXL 8164.13.00 06/09
02/10/2010 09:21

WET CAL CHECK

Test	AC	Time
01 Room Air	AMB*	09:22
02 Room Air	0.000	09:22

*Invalid Test
Check Ambient Conditions

Simul Ser No = 0000000
Std Sol No = 000000
County = 08 Oper No. = 107501



Operator Signature
MARGY PEARSON

Remarks:

AMBIENT FAIL

Form 106-I8000

80-004935
19/23 Kth

Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004935
Location = TOXL 8164.13.00 06/09
02/10/2010 10:56

Test	AC	Time
01 Room Air	0.000	10:56
02 Invalid Sample	X.XXX	10:57
03 Room Air	PUR*	10:58

*Purge Fail
**Invalid Test - Mouth Alcohol

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 11/01/1982
Sub Sex = Female Weight = 150
Test = DUI Cit = NA
Dr. Lic. = ND/DIS821456
Lot No = 659358
Cyl No = 38
Expiration Date = 09/03/2011
County = 08 Oper No. = 107501



Operator Signature
MARGY PEARSON

Remarks:

Invalid Sample

Form 106-I8000

80-004935
29/23 1AL

Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

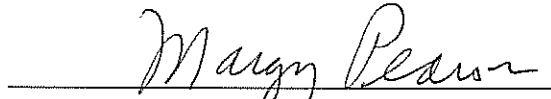
CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004935
Location = TOXL 8164.13.00 06/09
02/10/2010 10:02

Test	AC	Time
01 Diagnostic	OK	10:02
02 Room Air	RFI*	10:03
03 Room Air	0.000	10:03

*Invalid Test
Inhibited - RFI

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 11/01/1982
Sub Sex = Female Weight = 150
Test = DUI Cit = NA
Dr. Lic. = ND/DIS821456
Simul Ser No = 0000000
Std Sol No = 000000
County = 08 Oper No. = 107501

I followed the Approved Method and the instructions displayed by the Intoxilyzer in conducting this test.


Operator Signature
MARGY PEARSON

Remarks:

RFI

Form 106-I8000

80-004935
2/23 FK

Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004935
Location = TOXL 8164.13.00 06/09
02/10/2010 10:27

Test	AC	Time
01 Room Air	0.000	10:27
02 Std. Gas	0.080	10:28
03 Room Air	0.000	10:28
04 Std. Gas	0.080	10:29
05 Room Air	0.000	10:29
06 Std. Gas	0.079	10:29
07 Room Air	0.000	10:30
08 Std. Gas	0.079	10:30
09 Room Air	0.000	10:31
10 Std. Gas	0.079	10:31
11 Room Air	0.000	10:32
12 Std. Gas	0.079	10:32
13 Room Air	0.000	10:32
14 Std. Gas	0.079	10:33
15 Room Air	0.000	10:33
16 Std. Gas	0.080	10:34
17 Room Air	0.000	10:34
18 Std. Gas	0.079	10:35
19 Room Air	0.000	10:35
20 Std. Gas	0.078	10:35
21 Room Air	0.000	10:36
22 Std. Gas	0.079	10:36
23 Room Air	0.000	10:37
24 Std. Gas	0.079	10:37
25 Room Air	0.000	10:38
26 Std. Gas	0.079	10:38
27 Room Air	0.000	10:38
28 Std. Gas	0.079	10:39
29 Room Air	0.000	10:39
30 Std. Gas	0.079	10:40
31 Room Air	0.000	10:40
32 Std. Gas	0.079	10:41
33 Room Air	0.000	10:41
34 Std. Gas	0.080	10:41
35 Room Air	0.000	10:42
36 Std. Gas	0.080	10:42
37 Room Air	0.000	10:43
38 Std. Gas	0.079	10:43
39 Room Air	0.000	10:44
40 Std. Gas	0.078	10:44
41 Room Air	0.000	10:45
42 Cal Check Stats:		
43 Average	0.0792	
44 Std Dev	0.0006	
45 Rel Std Dev	0.75%	

Stability
P 1 of 2
Map
80-004935-
20/23 YU

Operator Signature
MARGY PEARSON

Remarks:

Form 106-I8000

Lot # 659358
Cyl # 38
Exp Date 9/3/2011

Ability
P 2082
Map

80-004935
23/23 V12