ROUTINE PERFORMANCE CHECK REPORT

DataMaster DMT: 102706
Location: Stowe PD
Calibration Date: 12/30/2011
Certification Date: 01/03/2012
Installation Date: 01/26/2012
RPC Date: 02/18/2013
Supervisor Name: DAVID M KNIGHT

Diagnostic Results

```
VERSIONS
DMT: 1.01
PIC: 2.05
Modem: 2.4
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.7°C
Breath Tube    = 46.4°C
Digital Sim    = 34.1°C

SETTINGS
Lamp Voltage   = 1.67 V
Cooler Voltage = 1.60 V
Bias Voltage   = 80 V
Chopper Freq   = 542 Hz

PUMP INFO
Flow Rate = 4.298 L/M

DETECTOR INFO
PUMP     ON        OFF
MAX(V)   0.4307    0.4333
MIN(V)   0.4283    0.4321

FILTER INFO
Filter 1   0.433   Zero = true
Filter 2   1.113   Zero = true
Filter 3   1.095   Zero = true

CALIBRATION CHECK
Xq  = 0.094  1.99%
```

Routine Performance Check Passed

Accuracy and Precision Check

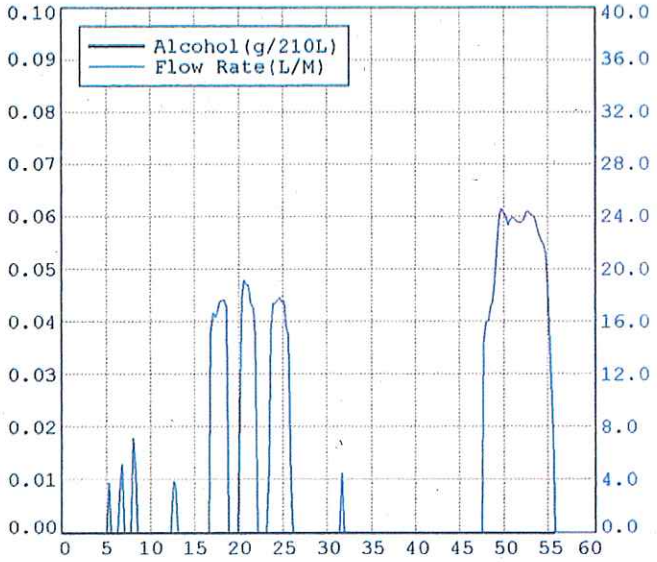
Concentration	= 0.098 g/210L
Lot #	= 12-88-100
Range	= 0.093 - 0.103
Average	= 0.099 g/210L
Std Dev	= 0.0000

RF Detection Test

Passed

Sample Acceptance Test

Passed



Performed by _____ Date 02/18/2013

Reviewed by _____ Date 2/21/13

2/21/2013

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RPC Date: 02/17/2013
Supervisor Name: DAVID M KNIGHT

Diagnostic Results

VERSIONS
DMT: 1.01
PIC: 2.05
Modem: 2.4
Questions: 2.1

TEMPERATURES

Sample Chamber = 49.0°C
Breath Tube = 48.1°C
Digital Sim = 34.0°C

SETTINGS
Lamp Voltage = 1.67 V
Cooler Voltage = 1.60 V
Bias Voltage = 80 V
Chopper Freq = 543 Hz

PUMP INFO
Flow Rate = 4.364 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.4226	0.4258
MIN(V)	0.4215	0.4246

FILTER INFO

Filter 1	0.425	Zero = true
Filter 2	1.104	Zero = true
Filter 3	1.086	Zero = true

CALIBRATION CHECK
Xq = 0.094 1.90%

Accuracy and Precision Check

Concentration	= 0.098 g/210L
Lot #	= 12-88-100
Range	= 0.093 - 0.103
Average	= 0.099 g/210L
Std Dev	= 0.0000

RF Detection Test

Failed

MX Fault
5 hit cancel

Routine Performance Check Failed

Performed by _____ Date 02/17/2013

Reviewed by _____ Date _____