ROUTINE PERFORMANCE CHECK REPORT

DataMaster DMT: 103609
Location: St. Johnsbury PD
Calibration Date: 09/21/2011
Certification Date: 09/21/2011
Installation Date: 09/30/2011
RPC Date: 10/14/2012
Supervisor Name: LESTER G CLEARY III

Diagnostic Results

```
VERSIONS
DMT: 1.01
PIC: 2.06
Modem: 2.4
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.7°C
Breath Tube    = 47.1°C
Digital Sim    = 33.9°C

SETTINGS
Lamp Voltage   = 1.67 V
Cooler Voltage = 1.66 V
Bias Voltage   = 80 V
Chopper Freq   = 536 Hz

PUMP INFO
Flow Rate = 5.607 L/M

DETECTOR INFO
PUMP     ON        OFF
MAX(V)   0.2106    0.2142
MIN(V)   0.2091    0.2132

FILTER INFO
Filter 1   0.213   Zero = true
Filter 2   0.439   Zero = true
Filter 3   0.110   Zero = true

CALIBRATION CHECK
Xq  = 0.082  0.00%
```

Routine Performance Check Passed

Accuracy and Precision Check

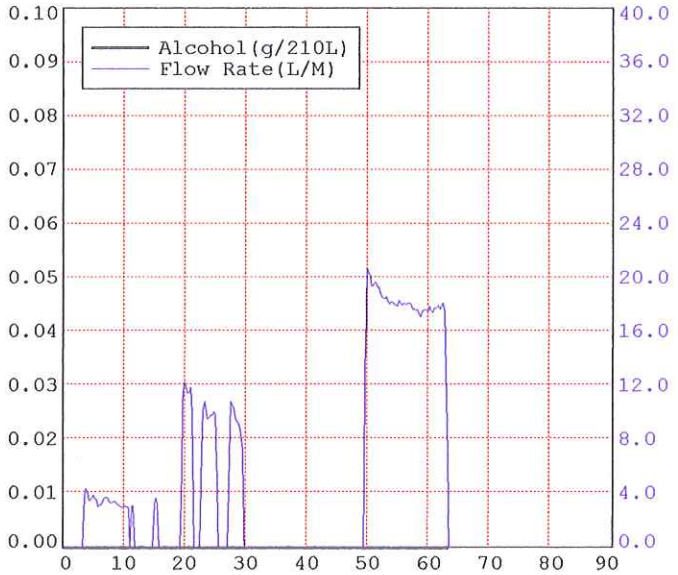
Concentration	= 0.100 g/210L
Lot #	= 12-70-100
Range	= 0.095 - 0.105
Average	= 0.101 g/210L
Std Dev	= 0.0000

RF Detection Test

Passed

Sample Acceptance Test

Passed



Performed by Lester G Cleary III **Date** 10/14/2012

Reviewed by [signature] **Date** 10/18/12

10/23/2012

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Diagnostic Results

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

TEMPERATURES

Sample Chamber = 48.7°C
Breath Tube    = 47.0°C
Digital Sim    = 33.9°C

SETTINGS
Lamp Voltage   = 1.68 V
Cooler Voltage = 1.67 V
Bias Voltage   = 81 V
Chopper Freq   = 535 Hz

PUMP INFO
Flow Rate = 5.624 L/M

DETECTOR INFO
PUMP     ON        OFF
MAX(V)   0.1970    0.2016
MIN(V)   0.1957    0.1996

FILTER INFO
Filter 1   0.199  Zero = true
Filter 2   0.426  Zero = true
Filter 3   0.086  Zero = true

CALIBRATION CHECK
Xq  = 0.082  0.21%
```

Accuracy and Precision Check

Concentration	= 0.100 g/210L
Lot #	= 12-70-100
Range	= 0.095 - 0.105
Average	= 0.099 g/210L
Std Dev	= 0.0000

RF Detection Test

Failed

Routine Performance Check Failed

Performed by Lester G Cleary III Date 10/14/2012

Reviewed by _____ Date _____

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Supervisor Name: LESTER G CLEARY III

Diagnostic Results

VERSIONS
DMT: 1.01
PIC: 2.06
Modem: 2.4
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.9°C
Breath Tube = 46.0°C
Digital Sim = 33.9°C

SETTINGS
Lamp Voltage = 1.68 V
Cooler Voltage = 1.67 V
Bias Voltage = 81 V
Chopper Freq = 536 Hz

PUMP INFO
Flow Rate = 5.474 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.2033	0.2081
MIN(V)	0.2020	0.2067

FILTER INFO

Filter 1	0.207	Zero = true
Filter 2	0.434	Zero = true
Filter 3	0.097	Zero = true

CALIBRATION CHECK
Xq = 0.081 0.32%

Accuracy and Precision Check

Concentration	= 0.100 g/210L
Lot #	= 12-70-100
Range	= 0.095 - 0.105
Average	= 0.100 g/210L
Std Dev	= 0.0000

RF Detection Test

Failed

The two failed RPC's were operator error on my part.
Lester G Cleary III

Routine Performance Check Failed

Performed by Lester G Cleary III Date 10/14/2012

Reviewed by _____ Date _____