# ROUTINE PERFORMANCE CHECK REPORT

DataMaster DMT: 100152
Location: Woodstock PD
Calibration Date: 09/14/2011
Certification Date: 09/15/2011
Installation Date: 09/22/2011
RPC Date: 02/16/2012
Supervisor Name: STEVEN E HARNOIS

## Diagnostic Results

```
VERSIONS
DMT: 1.01
PIC: 2.06
Modem: 2.2
Questions: 2.0

TEMPERATURES

Sample Chamber = 49.0°C
Breath Tube    = 48.0°C
Digital Sim    = 33.8°C

SETTINGS
Lamp Voltage   = 1.70 V
Cooler Voltage = 1.72 V
Bias Voltage   = 80 V
Chopper Freq   = 547 Hz

PUMP INFO
Flow Rate = 5.475 L/M

DETECTOR INFO
PUMP     ON        OFF
MAX(V)   0.1041    0.1079
MIN(V)   0.1020    0.1041

FILTER INFO
Filter 1   0.107  Zero = true
Filter 2   0.444  Zero = true
Filter 3   1.071  Zero = true

CALIBRATION CHECK
Xq  = 0.080  1.78%
```

**Routine Performance Check Passed**

## Accuracy and Precision Check

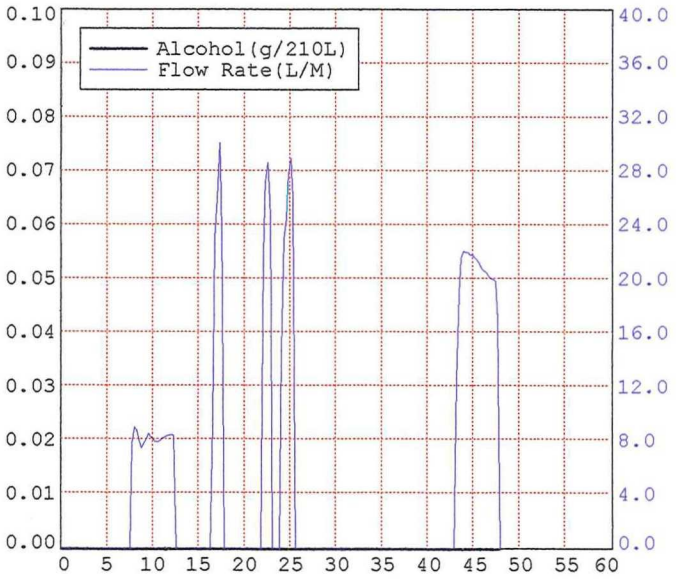
| | |
|---|---|
| Concentration | = 0.100 g/210L |
| Lot # | = 12-32-100 |
| Range | = 0.095 - 0.105 |
| Average | = 0.098 g/210L |
| Std Dev | = 0.0000 |

## RF Detection Test

Passed

## Sample Acceptance Test

Passed




1 page attached

Performed by _____ Date 02/16/2012 Rev. 2-18-12

Reviewed by Amanda Bolla Date 2/17/12

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Supervisor Name: STEVEN E HARNOIS

## Diagnostic Results

VERSIONS
DMT: 1.01
PIC: 2.06
Modem: 2.2
Questions: 2.0

TEMPERATURES

Sample Chamber = 48.9°C
Breath Tube = 48.1°C
Digital Sim = 33.9°C

SETTINGS
Lamp Voltage = 1.70 V
Cooler Voltage = 1.71 V
Bias Voltage = 80 V
Chopper Freq = 548 Hz

PUMP INFO
Flow Rate = 5.406 L/M

DETECTOR INFO

| PUMP | ON | OFF |
|---|---|---|
| MAX(V) | 0.1000 | 0.1045 |
| MIN(V) | 0.0986 | 0.1030 |

FILTER INFO

| | | |
|---|---|---|
| Filter 1 | 0.103 | Zero = true |
| Filter 2 | 0.440 | Zero = true |
| Filter 3 | 1.062 | Zero = true |

CALIBRATION CHECK
Xq = 0.079 0.67%

## Accuracy and Precision Check

Concentration = 0.100 g/210L
Lot # = 12-32-100
Range = 0.095 - 0.105
Average = 0.098 g/210L
Std Dev = 0.0000

## RF Detection Test

Failed

See TSI begun 2/16/12 2/24/12

Handheld RFI failed (See TSI of 2/16/12 2/16/12

2/17/12

KHC 2-18-12

**Routine Performance Check Failed**

Performed by _____ Date 02/16/2012

Reviewed by _____ Date _____