# ROUTINE PERFORMANCE CHECK REPORT

**DataMaster DMT:** 122206
**Location:** FRANKLIN COUNTY SO Enosburgh
**Calibration Date:** 10/19/2015
**Certification Date:** 10/19/2015
**Installation Date:** 10/20/2015
**RPC Date:** 06/21/2016
**Supervisor Name:** NATHAN J VAILLANCOURT

## Diagnostic Results

```
VERSIONS
DMT: 2.00
PIC: 2.05
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.7°C
Breath Tube    = 45.1°C
Digital Sim    = 33.9°C

SETTINGS
Lamp Voltage   = 1.82 V
Cooler Voltage = 1.85 V
Bias Voltage   = 80 V
Chopper Freq   = 541 Hz

PUMP INFO
Flow Rate = 4.765 L/M

DETECTOR INFO
PUMP     ON        OFF
MAX(V)   0.3400    0.3425
MIN(V)   0.3386    0.3411

FILTER INFO
Filter 1   0.342  Zero = true
Filter 2   0.960  Zero = true
Filter 3   1.742  Zero = true

CALIBRATION CHECK
Xq  = 0.102  0.09%
```

**Routine Performance Check Passed**

## Accuracy and Precision Check

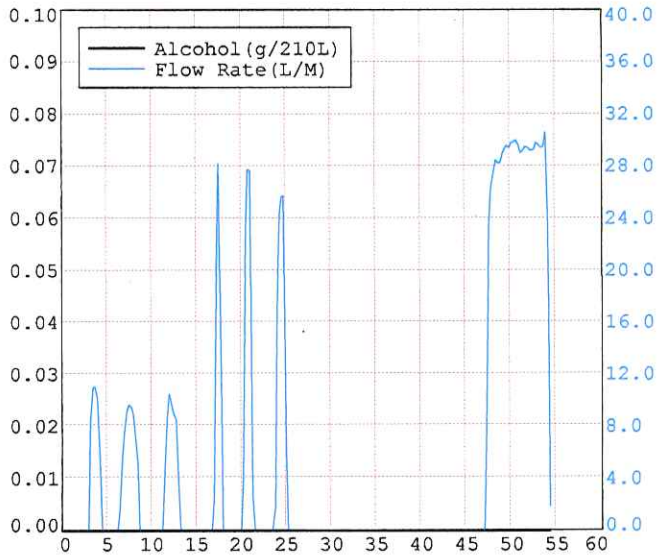
| | |
|---|---|
| Concentration | = 0.099 g/210L |
| Lot # | = 16-03-100 |
| Range | = 0.094 - 0.104 |
| Average | = 0.101 g/210L |
| Std Dev | = 0.0011 |

## RF Detection Test

Passed

## Sample Acceptance Test

Passed




Performed by Nathan Vaillancourt Date 06/21/2016 6/30/16

Reviewed by Date 6/22/16