

# ROUTINE PERFORMANCE CHECK REPORT

DataMaster DMT: 100140  
Location: Bradford VSP  
Calibration Date: 10/20/2011  
Certification Date: 10/20/2011  
Installation Date: 10/27/2011  
RPC Date: 10/08/2013  
Supervisor Name: HEATHER A FLOWERS



## Diagnostic Results

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

### TEMPERATURES

Sample Chamber = 49.1°C  
Breath Tube = 44.7°C  
Digital Sim = 34.4°C

### SETTINGS

Lamp Voltage = 1.54 V  
Cooler Voltage = 1.50 V  
Bias Voltage = 80 V  
Chopper Freq = 541 Hz

### PUMP INFO

Flow Rate = 5.701 L/M

### DETECTOR INFO

| PUMP    | ON     | OFF    |
|---------|--------|--------|
| MAX (V) | 0.2587 | 0.2622 |
| MIN (V) | 0.2575 | 0.2610 |

### FILTER INFO

| Filter   | Value | Zero |
|----------|-------|------|
| Filter 1 | 0.263 | true |
| Filter 2 | 0.629 | true |
| Filter 3 | 1.171 | true |

### CALIBRATION CHECK

Xq = 0.077 0.23%

**Routine Performance Check Passed**

## Accuracy and Precision Check

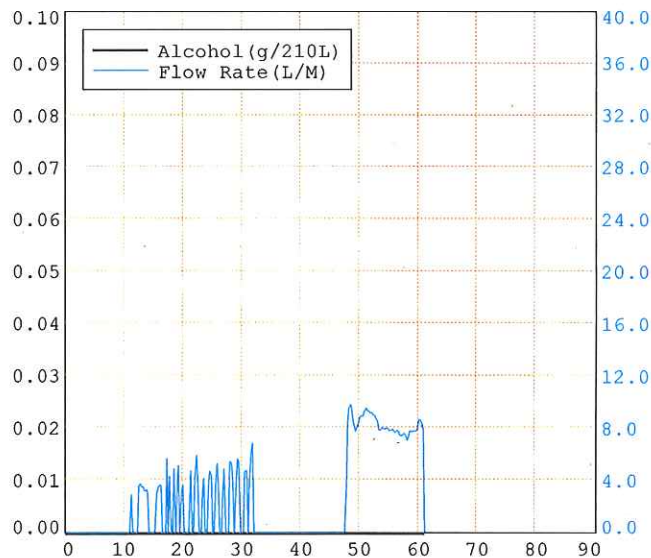
|               |                 |
|---------------|-----------------|
| Concentration | = 0.098 g/210L  |
| Lot #         | = 12-88-100     |
| Range         | = 0.093 - 0.103 |
| Average       | = 0.098 g/210L  |
| Std Dev       | = 0.0000        |

## RF Detection Test

Passed

## Sample Acceptance Test

Passed



Performed by

Date

10/08/2013

Reviewed by

Date

10/16/13

DMT Serial Number #100140

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