

# ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100140  
 Location: BRADFORD VSP  
 Calibration Date: 04/12/2017  
 Certification Date: 04/12/2017  
 Installation Date: 04/13/2017  
 RPC Date: 11/19/2018  
 Supervisor Name: SEAN P BRENNAN

## Diagnostic Results

### VERSIONS

DMT: 2.05  
 PIC: 2.08  
 Modem: 2.6  
 Questions: 2.1

### TEMPERATURES

Sample Chamber = 48.7°C  
 Breath Tube = 46.5°C  
 Digital Sim = 34.0°C

### SETTINGS

Lamp Voltage = 1.59 V  
 Cooler Voltage = 1.55 V  
 Bias Voltage = 80 V  
 Chopper Freq = 534 Hz

### PUMP INFO

Flow Rate = 5.614 L/M

### DETECTOR INFO

| PUMP   | ON     | OFF    |
|--------|--------|--------|
| MAX(V) | 0.3022 | 0.3049 |
| MIN(V) | 0.3004 | 0.3033 |

### FILTER INFO

| Filter   | Value | Zero        |
|----------|-------|-------------|
| Filter 1 | 0.304 | Zero = true |
| Filter 2 | 0.661 | Zero = true |
| Filter 3 | 1.223 | Zero = true |

### CALIBRATION CHECK

Xq = 0.078 0.55%

**Routine Performance Check Passed**

## Accuracy and Precision Check

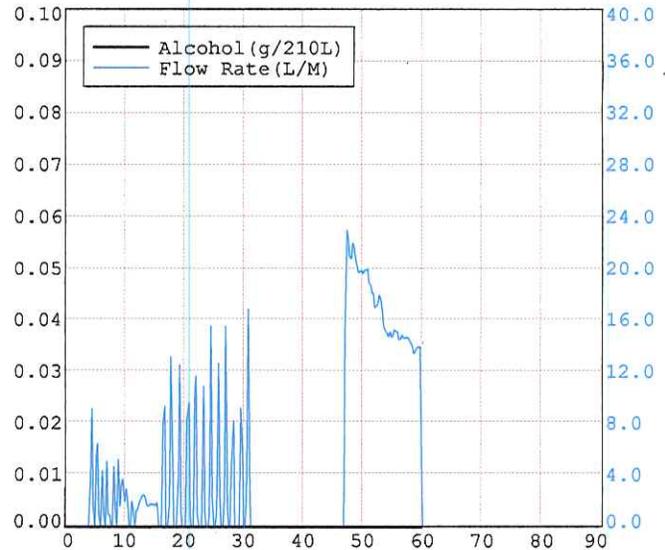
|               |                 |
|---------------|-----------------|
| Concentration | = 0.100 g/210L  |
| Lot #         | = 18-05-100     |
| Range         | = 0.095 - 0.105 |
| Average       | = 0.100 g/210L  |
| Std Dev       | = 0.0000        |

## RF Detection Test

Passed

## Sample Acceptance Test

Passed



Performed by \_\_\_\_\_

Date 11/19/2018

Reviewed by \_\_\_\_\_

Date 11/20/2018

DMT Serial Number #100140

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