

# ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100157  
 Location: COLCHESTER PD  
 Calibration Date: 04/11/2017  
 Certification Date: 04/11/2017  
 Installation Date: 04/11/2017  
 RPC Date: 07/04/2022  
 Supervisor Name: VICTOR BITCA

## Diagnostic Results

VERSIONS  
 DMT: 2.06  
 PIC: 2.08  
 Modem: 2.6  
 Questions: 2.1

### TEMPERATURES

Sample Chamber = 49.1°C  
 Breath Tube = 44.1°C  
 Digital Sim = 34.0°C

### SETTINGS

Lamp Voltage = 1.66 V  
 Cooler Voltage = 1.67 V  
 Bias Voltage = 80 V  
 Chopper Freq = 542 Hz

### PUMP INFO

Flow Rate = 4.040 L/M

### DETECTOR INFO

| PUMP    | ON     | OFF    |
|---------|--------|--------|
| MAX (V) | 0.4146 | 0.4183 |
| MIN (V) | 0.4126 | 0.4169 |

### FILTER INFO

| Filter   | Value | Zero        |
|----------|-------|-------------|
| Filter 1 | 0.418 | Zero = true |
| Filter 2 | 0.692 | Zero = true |
| Filter 3 | 1.694 | Zero = true |

### CALIBRATION CHECK

Xq = 0.095 2.34%

**Routine Performance Check Passed**

## Accuracy and Precision Check

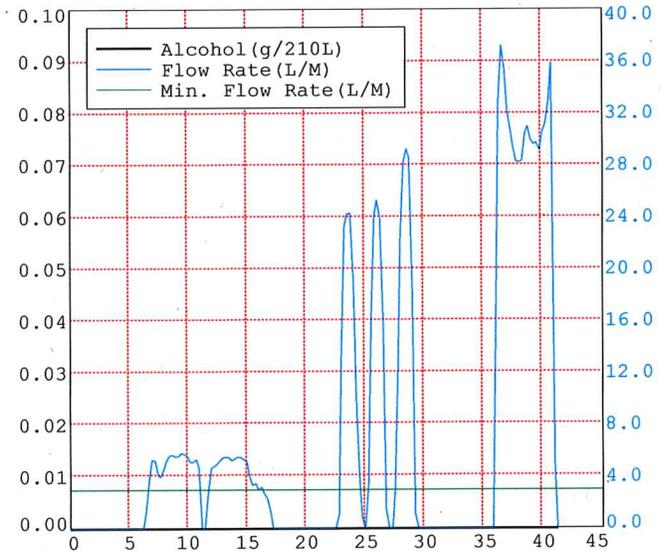
Concentration = 0.099 g/210L  
 Lot # = 22-01-100  
 Range = 0.094 - 0.104  
 Average = 0.098 g/210L  
 Std Dev = 0.0004

## RF Detection Test

Passed  
 RF detected

## Sample Acceptance Test

Passed



Performed by *[Signature]*

Date 07/04/2022

Reviewed by *[Signature]*

Date 7/5/2022

*[Handwritten signature]*  
7/5/22