

# ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100145  
Location: BRIGHTON PD  
Calibration Date: 04/27/2017  
Certification Date: 04/27/2017  
Installation Date: 04/28/2017  
RPC Date: 03/17/2022  
Supervisor Name: SARAH STRATTON

## Diagnostic Results

### VERSIONS

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

### TEMPERATURES

Sample Chamber = 48.7°C  
Breath Tube = 46.7°C  
Digital Sim = 34.0°C

### SETTINGS

Lamp Voltage = 1.63 V  
Cooler Voltage = 1.60 V  
Bias Voltage = 80 V  
Chopper Freq = 540 Hz

### PUMP INFO

Flow Rate = 5.779 L/M

### DETECTOR INFO

| PUMP   | ON     | OFF    |
|--------|--------|--------|
| MAX(V) | 0.5211 | 0.5248 |
| MIN(V) | 0.5195 | 0.5234 |

### FILTER INFO

| Filter   | Value | Zero |
|----------|-------|------|
| Filter 1 | 0.522 | true |
| Filter 2 | 1.051 | true |
| Filter 3 | 1.832 | true |

### CALIBRATION CHECK

Xq = 0.126 1.07%

**Routine Performance Check Passed**

## Accuracy and Precision Check

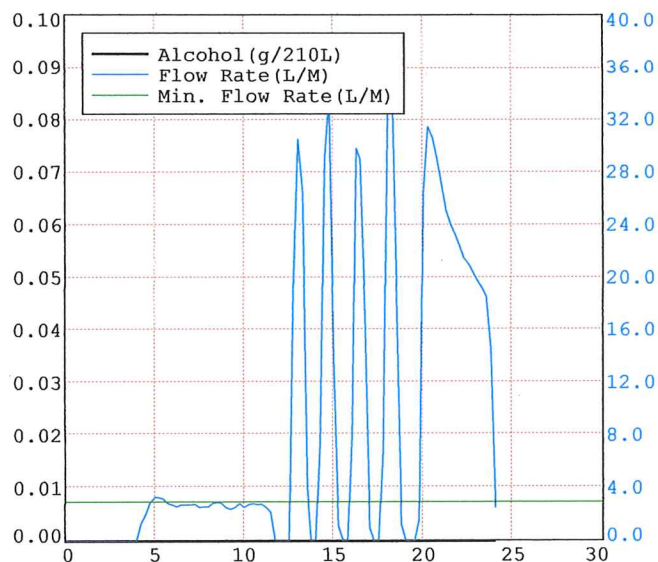
Concentration = 0.099 g/210L  
Lot # = 21-12-100  
Range = 0.094 - 0.104  
Average = 0.099 g/210L  
Std Dev = 0.0000

## RF Detection Test

Passed  
RF detected

## Sample Acceptance Test

Passed



Performed by

*[Signature]*

Date

03/17/2022

Reviewed by

*[Signature]*

Date

3/23/22