

# 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: 10/30/2020  
Supervisor Name: JEFFERY M NOYES

## Diagnostic Results

### VERSIONS

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

### TEMPERATURES

Sample Chamber = 48.9°C  
Breath Tube = 47.0°C  
Digital Sim = 34.0°C

### SETTINGS

Lamp Voltage = 1.63 V  
Cooler Voltage = 1.60 V  
Bias Voltage = 80 V  
Chopper Freq = 539 Hz

### PUMP INFO

Flow Rate = 5.596 L/M

### DETECTOR INFO

| PUMP    | ON     | OFF    |
|---------|--------|--------|
| MAX (V) | 0.4185 | 0.4236 |
| MIN (V) | 0.4165 | 0.4218 |

### FILTER INFO

|          |       |             |
|----------|-------|-------------|
| Filter 1 | 0.423 | Zero = true |
| Filter 2 | 0.961 | Zero = true |
| Filter 3 | 1.764 | Zero = true |

### CALIBRATION CHECK

Xq = 0.125 0.14%

**Routine Performance Check Passed**

## Accuracy and Precision Check

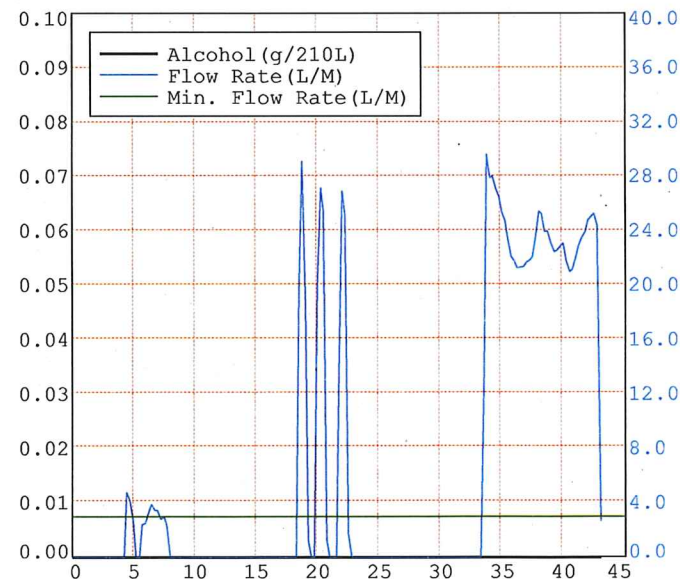
|               |                 |
|---------------|-----------------|
| Concentration | = 0.100 g/210L  |
| Lot #         | = 20-11-100     |
| Range         | = 0.095 - 0.105 |
| Average       | = 0.099 g/210L  |
| Std Dev       | = 0.0000        |

## RF Detection Test

Passed  
RF detected

## Sample Acceptance Test

Passed



Performed by Jeffery M. Noyes

Date 10/30/2020

Reviewed by SJS

Date 11/17/2020