

# 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: 06/28/2019  
Supervisor Name: JEFFERY M NOYES

## Diagnostic Results

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

### TEMPERATURES

Sample Chamber = 48.8°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 = 537 Hz

### PUMP INFO

Flow Rate = 5.766 L/M

### DETECTOR INFO

| PUMP    | ON     | OFF    |
|---------|--------|--------|
| MAX (V) | 0.2976 | 0.3008 |
| MIN (V) | 0.2959 | 0.2992 |

### FILTER INFO

| Filter   | Value | Zero |
|----------|-------|------|
| Filter 1 | 0.300 | true |
| Filter 2 | 0.857 | true |
| Filter 3 | 1.686 | true |

### CALIBRATION CHECK

Xq = 0.125 0.36%

**Routine Performance Check Passed**

## Accuracy and Precision Check

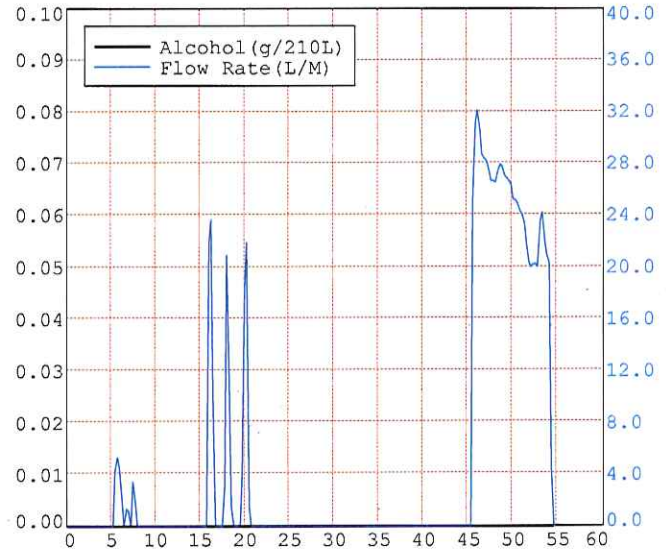
Concentration = 0.101 g/210L  
Lot # = 19-04-100\  
Range = 0.096 - 0.106  
Average = 0.100 g/210L  
Std Dev = 0.0005

## RF Detection Test

Passed

## Sample Acceptance Test

Passed



Performed by

*[Signature]*

Date

06/28/2019

Reviewed by

*[Signature]*

Date

7/1/2019

DMT Serial Number #100145

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