

# 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: 02/07/2019  
Supervisor Name: JEFFERY M NOYES

## Diagnostic Results

### VERSIONS

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

### TEMPERATURES

Sample Chamber = 48.9°C  
Breath Tube = 48.1°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 = 5.658 L/M

### DETECTOR INFO

| PUMP    | ON     | OFF    |
|---------|--------|--------|
| MAX (V) | 0.2398 | 0.2451 |
| MIN (V) | 0.2380 | 0.2433 |

### FILTER INFO

| Filter   | Value | Zero |
|----------|-------|------|
| Filter 1 | 0.244 | true |
| Filter 2 | 0.804 | true |
| Filter 3 | 1.639 | true |

### CALIBRATION CHECK

Xq = 0.125 0.00%

**Routine Performance Check Passed**

## Accuracy and Precision Check

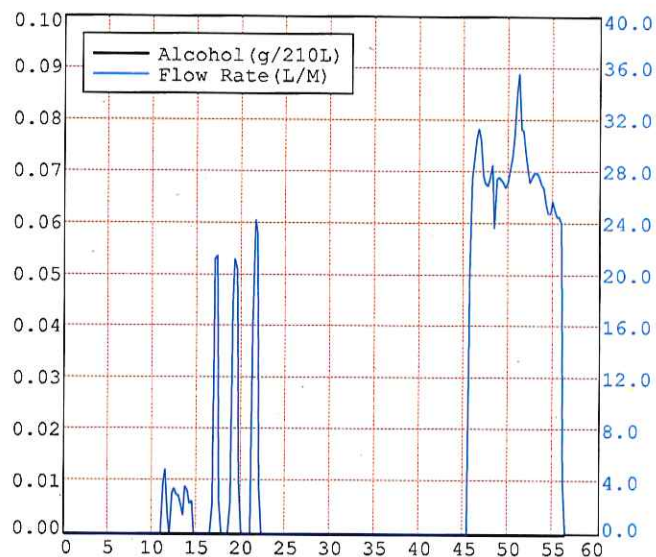
|               |                 |
|---------------|-----------------|
| Concentration | = 0.101 g/210L  |
| Lot #         | = 18-16-100     |
| Range         | = 0.096 - 0.106 |
| Average       | = 0.100 g/210L  |
| Std Dev       | = 0.0004        |

## RF Detection Test

Passed

## Sample Acceptance Test

Passed



Performed by

*Jeffery M. Noyes*

Date

02/07/2019

Reviewed by

*[Signature]*

Date

2/8/2019

DMT Serial Number #100145

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