

# ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100151  
Location: NEWPORT PD  
Calibration Date: 04/25/2017  
Certification Date: 04/25/2017  
Installation Date: 04/26/2017  
RPC Date: 02/29/2020  
Supervisor Name: CHARLES D MOULTON

## Diagnostic Results

### VERSIONS

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

### TEMPERATURES

Sample Chamber = 48.8°C  
Breath Tube = 43.3°C  
Digital Sim = 34.0°C

### SETTINGS

Lamp Voltage = 1.73 V  
Cooler Voltage = 1.71 V  
Bias Voltage = 80 V  
Chopper Freq = 541 Hz

### PUMP INFO

Flow Rate = 4.963 L/M

### DETECTOR INFO

| PUMP   | ON     | OFF    |
|--------|--------|--------|
| MAX(V) | 0.7161 | 0.7199 |
| MIN(V) | 0.7146 | 0.7183 |

### FILTER INFO

| Filter   | Value | Zero |
|----------|-------|------|
| Filter 1 | 0.718 | true |
| Filter 2 | 1.011 | true |
| Filter 3 | 1.645 | true |

### CALIBRATION CHECK

Xq = 0.088 2.31%

**Routine Performance Check Passed**

## Accuracy and Precision Check

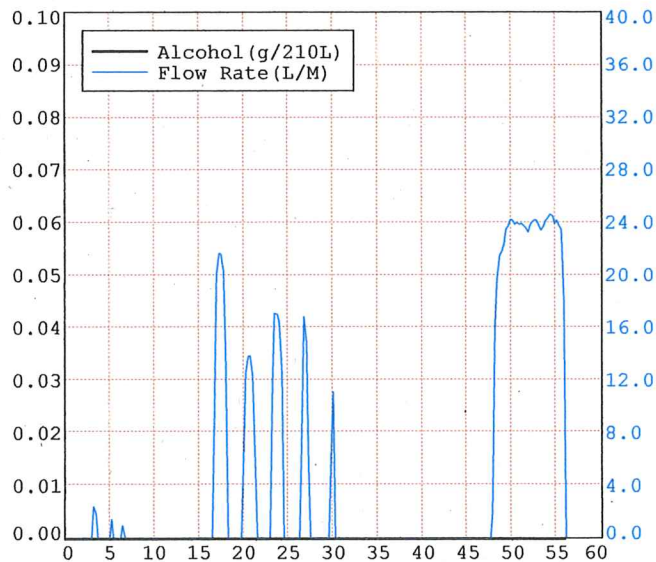
Concentration = 0.100 g/210L  
Lot # = 19-13-100  
Range = 0.095 - 0.105  
Average = 0.100 g/210L  
Std Dev = 0.0000

## RF Detection Test

Passed

## Sample Acceptance Test

Passed



Performed by [Signature]

Date 02/29/2020

Reviewed by [Signature]

Date 3/2/2020

DMT Serial Number #100151

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