

# ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100157  
Location: COLCHESTER PD  
Calibration Date: 04/11/2017  
Certification Date: 04/11/2017  
Installation Date: 04/11/2017  
RPC Date: 06/28/2018  
Supervisor Name: JACK B LEHNEMAN

## Diagnostic Results

VERSIONS  
DMT: 2.03  
PIC: 2.08  
Modem: 2.6  
Questions: 2.1

### TEMPERATURES

Sample Chamber = 49.1°C  
Breath Tube = 45.7°C  
Digital Sim = 34.0°C

### SETTINGS

Lamp Voltage = 1.66 V  
Cooler Voltage = 1.67 V  
Bias Voltage = 80 V  
Chopper Freq = 541 Hz

### PUMP INFO

Flow Rate = 4.019 L/M

### DETECTOR INFO

PUMP ON OFF  
MAX(V) 0.0492 0.0520  
MIN(V) 0.0474 0.0508

### FILTER INFO

Filter 1 0.051 Zero = true  
Filter 2 0.350 Zero = true  
Filter 3 1.444 Zero = true

### CALIBRATION CHECK

Xq = 0.093 0.37%

**Routine Performance Check Passed**

## Accuracy and Precision Check

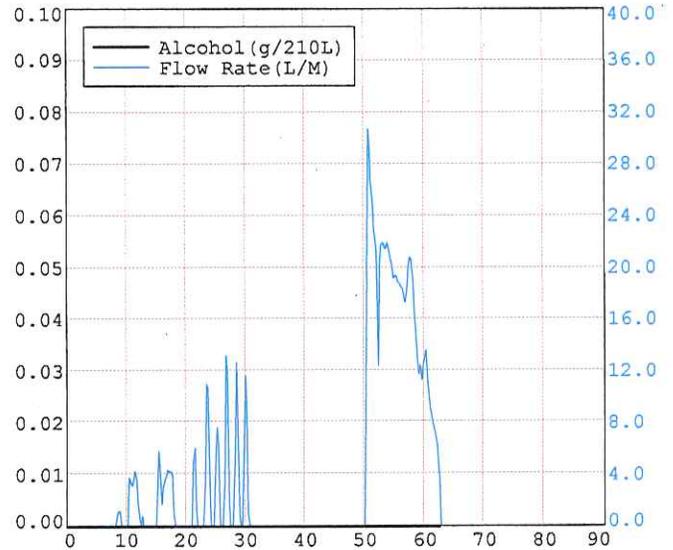
Concentration = 0.101 g/210L  
Lot # = 18-04-100  
Range = 0.096 - 0.106  
Average = 0.099 g/210L  
Std Dev = 0.0004

## RF Detection Test

Passed

## Sample Acceptance Test

Passed



Performed by Jacobal

Date 06/28/2018

Reviewed by JL

Date 7/3/18