

# ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100160  
 Location: ST. ALBANS PD  
 Calibration Date: 10/12/2022  
 Certification Date: 10/12/2022  
 Installation Date: 10/28/2022  
 RPC Date: 10/13/2023  
 Supervisor Name: JOSEPH E THOMAS

## Diagnostic Results

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

### TEMPERATURES

Sample Chamber = 48.5°C  
 Breath Tube = 44.4°C  
 Digital Sim = 34.0°C

### SETTINGS

Lamp Voltage = 1.67 V  
 Cooler Voltage = 1.66 V  
 Bias Voltage = 80 V  
 Chopper Freq = 545 Hz

### PUMP INFO

Flow Rate = 5.050 L/M

### DETECTOR INFO

PUMP	ON	OFF
MAX(V)	-0.0888	-0.0821
MIN(V)	-0.0907	-0.0837

### FILTER INFO

Filter 1	-0.083	Zero = true
Filter 2	0.236	Zero = true
Filter 3	1.409	Zero = true

### CALIBRATION CHECK

Xq = 0.084 2.01%

**Routine Performance Check Passed**

## Accuracy and Precision Check

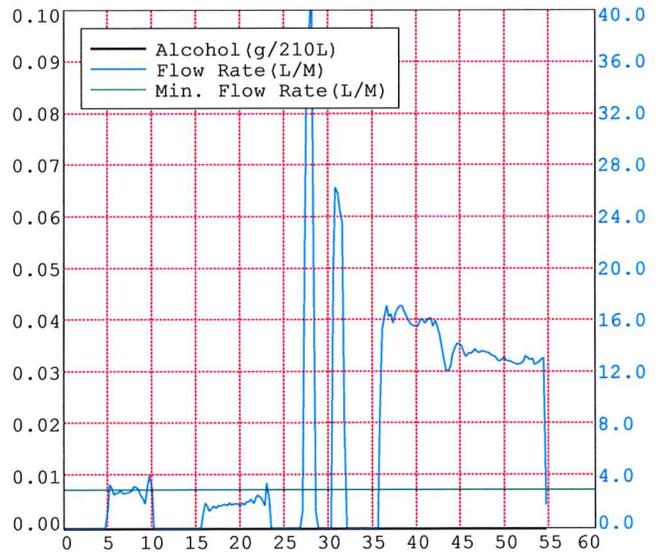
Concentration = 0.098 g/210L  
 Lot # = 22-14-100  
 Range = 0.093 - 0.103  
 Average = 0.096 g/210L  
 Std Dev = 0.0005

## RF Detection Test

Passed  
 RF detected

## Sample Acceptance Test

Passed



Performed by 

Date 10/13/2023

Reviewed by 

Date 10/16/2023

*Handwritten signature and date: J.E. Thomas 10/18/23*