

# ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100140  
 Location: BRADFORD VSP  
 Calibration Date: 04/12/2017  
 Certification Date: 04/12/2017  
 Installation Date: 04/13/2017  
 RPC Date: 10/02/2021  
 Supervisor Name: JASON M HALEY

## Diagnostic Results

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

### TEMPERATURES

Sample Chamber = 48.6°C  
 Breath Tube = 46.4°C  
 Digital Sim = 34.0°C

### SETTINGS

Lamp Voltage = 1.59 V  
 Cooler Voltage = 1.55 V  
 Bias Voltage = 80 V  
 Chopper Freq = 534 Hz

### PUMP INFO

Flow Rate = 5.663 L/M

### DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.4433	0.4457
MIN (V)	0.4417	0.4443

### FILTER INFO

Filter 1	0.445	Zero = true
Filter 2	0.794	Zero = true
Filter 3	1.331	Zero = true

### CALIBRATION CHECK

Xq = 0.080 1.76%

**Routine Performance Check Passed**

## Accuracy and Precision Check

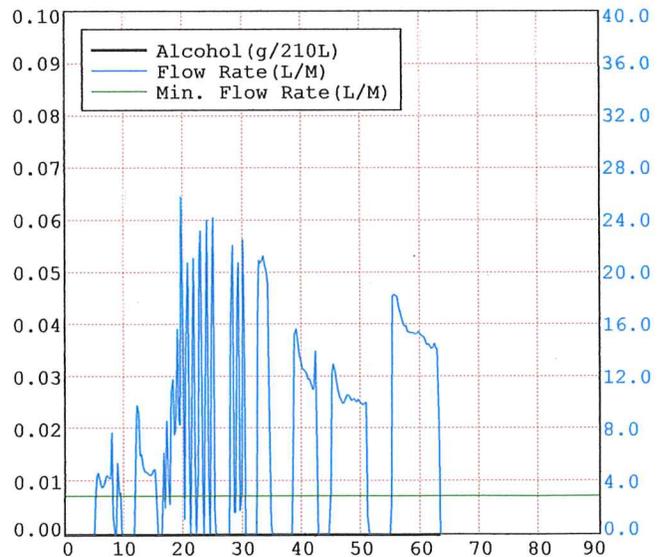
Concentration = 0.100 g/210L  
 Lot # = 21-04-100  
 Range = 0.095 - 0.105  
 Average = 0.100 g/210L  
 Std Dev = 0.0000

## RF Detection Test

Passed  
 RF detected

## Sample Acceptance Test

Passed



Performed by J. M. Haley

Date 10/02/2021

Reviewed by SPS

Date 10/14/2021

DMT Serial Number #100140

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