# 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:** 06/06/2025
**Supervisor Name:** JASON M HALEY

## Diagnostic Results

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

TEMPERATURES

Sample Chamber = 49.1°C
Breath Tube    = 47.4°C
Digital Sim    = 34.0°C

SETTINGS
Lamp Voltage   = 1.59 V
Cooler Voltage = 1.55 V
Bias Voltage   = 80 V
Chopper Freq   = 535 Hz

PUMP INFO
Flow Rate = 5.678 L/M

DETECTOR INFO
PUMP     ON        OFF
MAX(V)   0.6652    0.6673
MIN(V)   0.6634    0.6657

FILTER INFO
Filter 1   0.667  Zero = true
Filter 2   0.999  Zero = true
Filter 3   1.517  Zero = true

CALIBRATION CHECK
Xq  = 0.080  1.65%
```

**Routine Performance Check Passed**

prereview: Brittany [illegible] 6/9/2025

## Accuracy and Precision Check

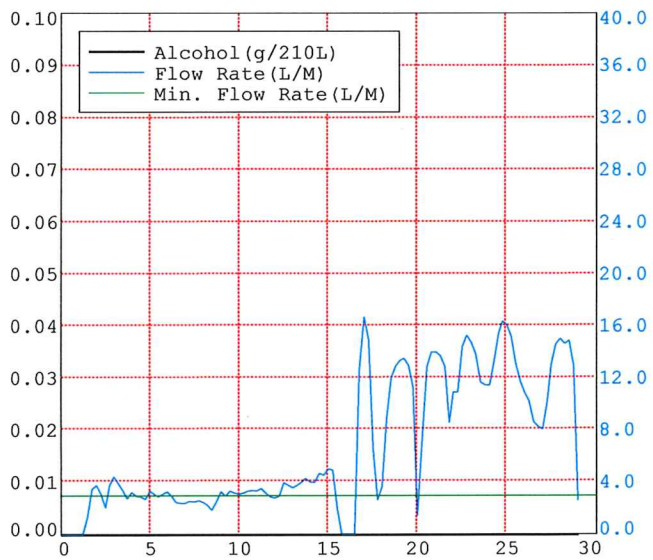
| | |
|---|---|
| Concentration | = 0.102 g/210L |
| Lot # | = 25-11-100 |
| Range | = 0.097 - 0.107 |
| Average | = 0.101 g/210L |
| Std Dev | = 0.0005 |

## RF Detection Test

Passed
RF detected

## Sample Acceptance Test

Passed




**Performed by** [signature] **Date** 06/06/2025

**Reviewed by** [signature] **Date** 6/9/25

[signature] 6/13/25