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: 02/17/2025
Supervisor Name: JASON M HALEY

Diagnostic Results

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

TEMPERATURES

Sample Chamber = 48.9°C
Breath Tube    = 44.1°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 = 5.591 L/M

DETECTOR INFO
PUMP     ON        OFF
MAX(V)   0.6329    0.6350
MIN(V)   0.6315    0.6333

FILTER INFO
Filter 1   0.634  Zero = true
Filter 2   0.965  Zero = true
Filter 3   1.493  Zero = true

CALIBRATION CHECK
Xq  = 0.080  1.65%
```

Routine Performance Check Passed

Accuracy and Precision Check

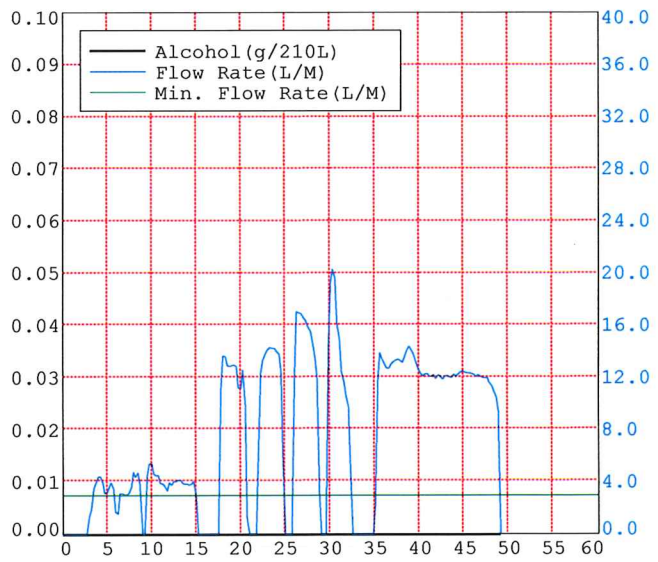
Concentration	= 0.100 g/210L
Lot #	= 24-07-100
Range	= 0.095 - 0.105
Average	= 0.100 g/210L
Std Dev	= 0.0005

RF Detection Test

Passed
RF detected

Sample Acceptance Test

Passed



Performed by _____ **Date** 02/17/2025

Reviewed by _____ **Date** 2/18/25

2/25/25

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Supervisor Name: JASON M HALEY

Diagnostic Results

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

TEMPERATURES

Sample Chamber = 48.7°C
Breath Tube    = 45.9°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 = 5.470 L/M

DETECTOR INFO
PUMP     ON        OFF
MAX(V)   0.6270    0.6287
MIN(V)   0.6252    0.6272

FILTER INFO
Filter 1   0.628   Zero = true
Filter 2   0.958   Zero = true
Filter 3   1.485   Zero = true

CALIBRATION CHECK
Xq  = 0.079  1.10%
```

Routine Performance Check Failed
Reason: SAMPLE ACCEPTANCE TEST FAILED

Accuracy and Precision Check

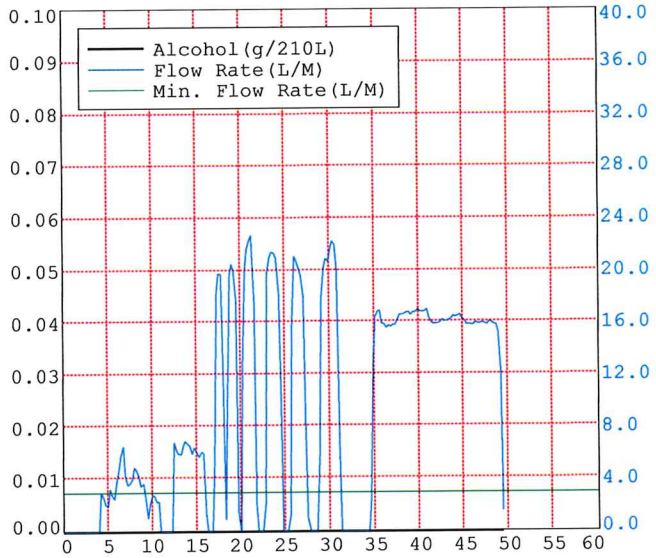
Concentration	= 0.100 g/210L
Lot #	= 24-07-100
Range	= 0.095 - 0.105
Average	= 0.101 g/210L
Std Dev	= 0.0000

RF Detection Test

Passed
RF detected

Sample Acceptance Test

Failed
passed



Performed by _____ **Date** 02/17/2025

Reviewed by _____ **Date** _____

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