

# 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: 06/18/2023  
 Supervisor Name: DAVID GARCES

## Diagnostic Results

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

### TEMPERATURES

Sample Chamber = 48.7°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 = 534 Hz

### PUMP INFO

Flow Rate = 5.585 L/M

### DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.5362	0.5394
MIN (V)	0.5350	0.5374

### FILTER INFO

Filter	Value	Zero
Filter 1	0.539	Zero = true
Filter 2	0.880	Zero = true
Filter 3	1.409	Zero = true

### CALIBRATION CHECK

Xq = 0.079 0.88%

**Routine Performance Check Passed**

## Accuracy and Precision Check

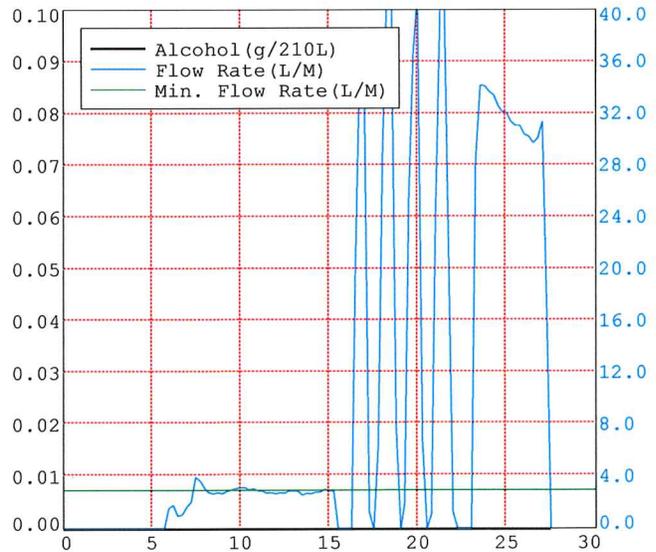
Concentration = 0.101 g/210L  
 Lot # = 23-02-100  
 Range = 0.096 - 0.106  
 Average = 0.100 g/210L  
 Std Dev = 0.0000

## RF Detection Test

Passed  
 RF detected

## Sample Acceptance Test

Passed



Performed by [Signature]

Date 06/18/2023

Reviewed by [Signature]

Date 6/19/23

DMT Serial Number #100140

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100140

[Signature]

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# 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: 06/18/2023  
Supervisor Name: DAVID GARCES

## Diagnostic Results

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

### TEMPERATURES

Sample Chamber = 48.9°C  
Breath Tube = 45.4°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 = 5.621 L/M

### DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.5315	0.5344
MIN (V)	0.5301	0.5323

### FILTER INFO

Filter 1	0.534	Zero = true
Filter 2	0.876	Zero = true
Filter 3	1.403	Zero = true

### CALIBRATION CHECK

Xq = 0.079 0.55%

## **Routine Performance Check Failed**

Reason: SAMPLE ACCEPTANCE TEST FAILED

## Accuracy and Precision Check

Concentration	= 0.101 g/210L
Lot #	= 23-02-100
Range	= 0.096 - 0.106
Average	= 0.100 g/210L
Std Dev	= 0.0004

## RF Detection Test

Passed  
RF detected

## Sample Acceptance Test

Failed  
RF Detected

*see email*  
*JSD 6/23/23*

Performed by \_\_\_\_\_

Date \_\_\_\_\_

06/18/2023

Reviewed by \_\_\_\_\_

Date \_\_\_\_\_

**RE: Bradford RPC**

Garces, David <David.Garces@vermont.gov>

Wed 2023-06-21 10:31 PM

To: DPS - DMT <DPS.DMT@vermont.gov>

Ok, thanks for letting me know. I think I keyed it several times for this one.

**From:** DPS - DMT <DPS.DMT@vermont.gov>

**Sent:** Tuesday, June 20, 2023 2:23 PM

**To:** Garces, David <David.Garces@vermont.gov>

**Subject:** Bradford RPC

Hey Tpr. Garces,

I noticed that the first attempt at your RPC failed the sample acceptance due to RF detection. The most common cause of this is accidentally keying your radio multiple times during the RF test. The other cause could be keying your radio during the sample acceptance. Just wanted to touch base and add that to our records.

Let me know.

Thanks,

Jeff

100140

BD

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