

# ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100157  
 Location: COLCHESTER PD  
 Calibration Date: 04/11/2017  
 Certification Date: 04/11/2017  
 Installation Date: 04/11/2017  
 RPC Date: 06/11/2021  
 Supervisor Name: CHRISTOPHER M JONES

## Diagnostic Results

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

TEMPERATURES  
 Sample Chamber = 48.7°C  
 Breath Tube = 38.8°C  
 Digital Sim = 34.0°C

SETTINGS  
 Lamp Voltage = 1.66 V  
 Cooler Voltage = 1.67 V  
 Bias Voltage = 80 V  
 Chopper Freq = 529 Hz

PUMP INFO  
 Flow Rate = 4.053 L/M

DETECTOR INFO  

| PUMP   | ON     | OFF    |
|--------|--------|--------|
| MAX(V) | 0.3100 | 0.3146 |
| MIN(V) | 0.3077 | 0.3128 |

FILTER INFO  
 Filter 1 0.313 Zero = true  
 Filter 2 0.592 Zero = true  
 Filter 3 1.601 Zero = true

CALIBRATION CHECK  
 Xq = 0.094 1.40%

**Routine Performance Check Passed**

## Accuracy and Precision Check

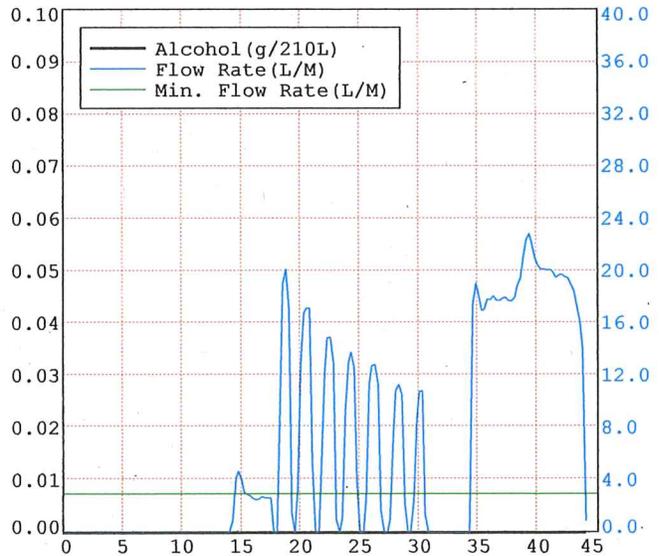
Concentration = 0.100 g/210L  
 Lot # = 20-15-100  
 Range = 0.095 - 0.105  
 Average = 0.099 g/210L  
 Std Dev = 0.0004

## RF Detection Test

Passed  
 RF detected

## Sample Acceptance Test

Passed



Performed by *Ch Jones* 181

Date 06/11/2021

Reviewed by *SJS*

Date 6/14/2021

*SJS*  
6/16/21

# ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100157  
Location: COLCHESTER PD  
Calibration Date: 04/11/2017  
Certification Date: 04/11/2017  
Installation Date: 04/11/2017  
RPC Date: 06/11/2021  
Supervisor Name: CHRISTOPHER M JONES

## Diagnostic Results

### VERSIONS

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

### TEMPERATURES

Sample Chamber = 49.1°C  
Breath Tube = 34.4°C  
Digital Sim = 34.0°C

*Breath tube temp out of range. SJS 6/14/2021*

### SETTINGS

Lamp Voltage = 1.66 V  
Cooler Voltage = 1.67 V  
Bias Voltage = 80 V  
Chopper Freq = 529 Hz

### PUMP INFO

Flow Rate = 4.034 L/M

### DETECTOR INFO

| PUMP    | ON     | OFF    |
|---------|--------|--------|
| MAX (V) | 0.3175 | 0.3215 |
| MIN (V) | 0.3144 | 0.3199 |

### FILTER INFO

|          |       |             |
|----------|-------|-------------|
| Filter 1 | 0.321 | Zero = true |
| Filter 2 | 0.601 | Zero = true |
| Filter 3 | 1.608 | Zero = true |

### CALIBRATION CHECK

Xq = 0.094 1.40%

## **Routine Performance Check Failed**

Reason: Diagnostic Check Failed

*See attached email. SJS 6/14/2021*

Performed by *Ch. Jones*

Date 06/11/2021

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

Date \_\_\_\_\_

**Re: Colchester PD June RPC**

Cpl. Christopher Jones &lt;christopher.jones@colchesterpdvt.org&gt;

Mon 2021-06-14 11:55 AM

To: DPS - DMT &lt;DPS.DMT@vermont.gov&gt;

**EXTERNAL SENDER: Do not open attachments or click on links unless you recognize and trust the sender.**

Good morning,

I did the sim change and set my timer for 30 minutes, and left the room. When I returned before the 30 minute mark it was on the signature page and showed failure BT temp.

I felt the breath tube and it was cool. I checked the tube connections which appeared ok after the tube began to get warm.

I restarted the RPC and everything went through as it should.

Hope this helps.

Chris

Sent from my iPhone

On Jun 14, 2021, at 11:26, DPS - DMT <DPS.DMT@vermont.gov> wrote:

\*\*\* Warning: This E-Mail came from an outside source. It is not internal Colchester Police Department E-Mail. \*\*\*

Good morning,

While reviewing the DMT records today, I noticed that your first RPC failed. Could you let me know what happened with that test so I can make a note in our records?

Thank you,

***Sarah Stratton***

Forensic Chemist

Vermont Forensic Laboratory

sarah.stratton@vermont.gov

(802) 241-5322