

# 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: 11/01/2023  
 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 = 42.9°C  
 Digital Sim = 34.0°C

### SETTINGS

Lamp Voltage = 1.66 V  
 Cooler Voltage = 1.67 V  
 Bias Voltage = 80 V  
 Chopper Freq = 541 Hz

### PUMP INFO

Flow Rate = 4.044 L/M

### DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.4876	0.4911
MIN(V)	0.4858	0.4894

### FILTER INFO

Filter	Value	Zero
Filter 1	0.490	Zero = true
Filter 2	0.760	Zero = true
Filter 3	1.744	Zero = true

### CALIBRATION CHECK

Xq = 0.095 2.43%

**Routine Performance Check Passed**

## Accuracy and Precision Check

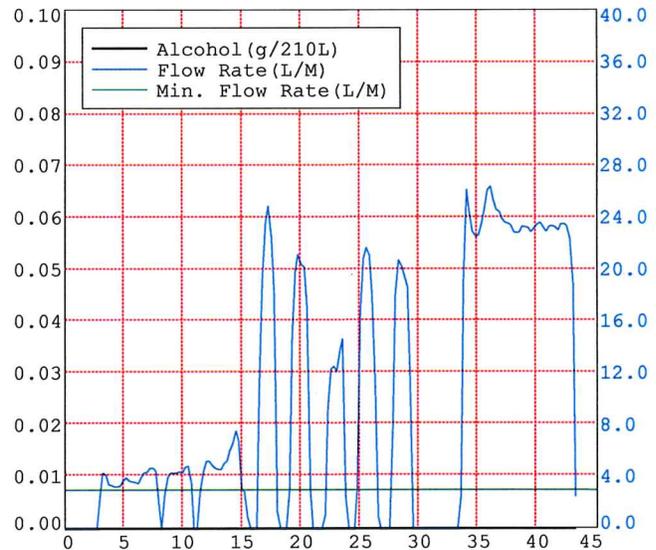
Concentration = 0.100 g/210L  
 Lot # = 23-6-100 \*  
 Range = 0.095 - 0.105  
 Average = 0.099 g/210L  
 Std Dev = 0.0005

## RF Detection Test

Passed  
 RF detected

## Sample Acceptance Test

Passed



\* See SSC for lot # correction. *SCJ* 11/3/2023

Performed by *SCJ*

Date 11/01/2023

Reviewed by *SCJ*

Date 11/3/2023

*SCJ*  
11/6/23

# SOLUTION CHANGE

DataMaster DMT: 100157  
Location: COLCHESTER PD  
Date: 11/03/2023  
Performed by: CHRISTOPHER M JONES



## Accuracy and Precision Check

Concentration = 0.100 g/210L  
Lot # = 23-06-100  
Range = 0.095 - 0.105  
Average = 0.099 g/210L  
Std Dev = 0.0004

Simulator Temperature: 34.0°C

*Lot # corrected.  
SCS 11/3/2023*

Performed by

*Ch M 181*

Date

11/03/2023

Call Log

Person	Date	Type	VFL Staff	Case/DMT	Content
Colchester PD; Officer Fisher	11/2/2023	Phone	SGS	Colchester PD	Spoke to dispatch and Fisher at Colchester PD regarding placing a note on the DMT that it is out of service. Fisher told me he would place the note on the instrument. I will follow up by emailing the DMT supervisor regarding the RPC.

100157

208

3

**Re: October RPC**

Christopher Jones3 <Christopher.Jones@colchesterpdvt.org>

Fri 2023-11-03 2:40 AM

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

Cc: Michael West <Michael.West@colchesterpdvt.org>; Victor Bitca <Victor.Bitca@colchesterpdvt.org>

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

This has been corrected, thank you for catching that typo.

Chris

---

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

**Sent:** Thursday, November 2, 2023 10:59 AM

**To:** Christopher Jones3 <Christopher.Jones@colchesterpdvt.org>

**Cc:** Michael West <Michael.West@colchesterpdvt.org>; Victor Bitca <Victor.Bitca@colchesterpdvt.org>

**Subject:** October RPC

Some people who received this message don't often get email from dps.dmt@vermont.gov. [Learn why this is important](#)

Good morning,

In reviewing the RPC that was run last night, I noted that the lot number for the sim solution was incorrectly entered as 23-6-100 instead of 23-06-100. The good news is that the RPC looks fine otherwise. The bad news is that we are quite picky about having the lot number exactly as it is written on the label so the DMT must go out of service until it is fixed. I have asked your agency to place a note on the DMT that it is out of service for the time being. I just need someone to run a simulator solution change protocol (SSC) in order to correct the lot number. You do not need to physically change the sim solution, but the DMT will still require the 30 minute wait period. Once the SSC has been performed with the correct lot number entered, you can return the DMT to service. If you have any questions, please reach out.

Thank you,

***Sarah Stratton***

Forensic Chemist

Vermont Forensic Laboratory

sarah.stratton@vermont.gov

(802) 241-5322

100157

808

4

**State of Vermont  
DMHost for Windows**

Breath Test Summary

SerialNumber = '100157' and TestDate between '11/1/2023' and '11/3/2023'

Serial #	Test Date/Time	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Sim 1	Sim 2	Sim T*	Sim 2	Sim T*	Sim Lot	Target Status Code
100157	11/01/2023 22:18	R						0.099					23-6-100	0.100

End of Report

*One test run prior to VFL staff reaching out and the SSC correction. SOS 11/3/2023*

100157

SOS

5