

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100145
Location: ST. JOHNSBURY VSP
Adjustment Date: 1/21/2025
Calibration Date: 1/21/2025
Installation Date: 1/31/2025
RPC Date: 6/5/2025
Supervisor Name: JASON M HALEY

Diagnostic Results

VERSIONS
DMT: 2.07
PIC: 2.08
Modem: 3.0
Questions: 3.0

TEMPERATURES

Sample Chamber = 48.7°C
Breath Tube = 48.0°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.86 V
Cooler Voltage = 1.67 V
Bias Voltage = 80 V
Chopper Freq = 529 Hz

PUMP INFO

Flow Rate = 5.414 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	-0.1006	-0.0970
MIN (V)	-0.1024	-0.1004

FILTER INFO

Filter 1	-0.099	Zero = true
Filter 2	-0.068	Zero = true
Filter 3	0.823	Zero = true

Routine Performance Check Passed

pre-review: *Brittany Smith* 6/9/2025

Accuracy and Precision Check

Concentration	= 0.100 g/210L
Lot #	= 2417100 *
Range	= 0.095 - 0.105
Average	= 0.099 g/210L
Std Dev	= 0.0007

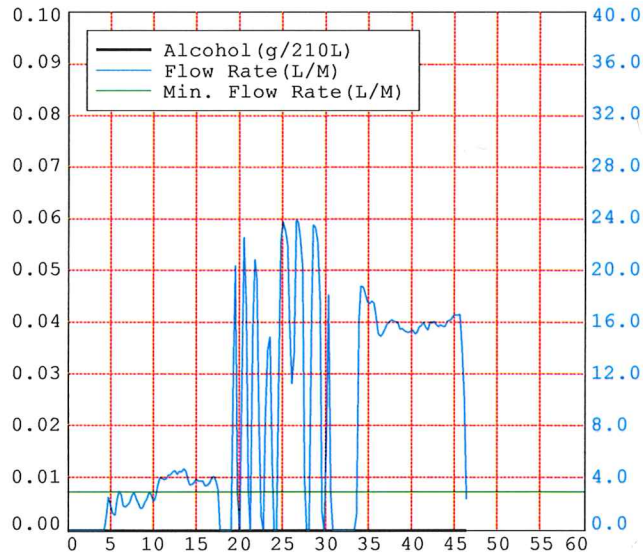
* see SSC for
fixed lot number
JSD 6/9/25

RF Detection Test

Passed
RF detected

Sample Acceptance Test

Passed



Performed by *9-1728*

Date 6/5/2025

Reviewed by *[Signature]*

Date 6/9/25

[Signature]
6/13/25

DMT Serial Number #100145

Page 1 of 1

6/5/2025 3:47 PM

100145

BMS *[Signature]*

page 1 of 3



Re: 100145 Lot number

From Shumway, Brittany <Brittany.Shumway@vermont.gov>**Date** Fri 6/6/2025 3:13 PM**To** Haley, Jason <Jason.Haley@vermont.gov>**Cc** DPS - DMT <DPS.DMT@vermont.gov>

Thank you. I appreciate it.

Brittany

From: Haley, Jason <Jason.Haley@vermont.gov>**Sent:** Friday, June 6, 2025 8:37 AM**To:** Shumway, Brittany <Brittany.Shumway@vermont.gov>**Cc:** DPS - DMT <DPS.DMT@vermont.gov>; Brennan, Sean <Sean.Brennan@vermont.gov>; Maurice, Crista <Crista.Maurice@vermont.gov>**Subject:** RE: 100145 Lot number

Yes, I will do that.

From: Shumway, Brittany <Brittany.Shumway@vermont.gov>**Sent:** Friday, June 6, 2025 8:02 AM**To:** Haley, Jason <Jason.Haley@vermont.gov>**Cc:** DPS - DMT <DPS.DMT@vermont.gov>; Brennan, Sean <Sean.Brennan@vermont.gov>; Maurice, Crista <Crista.Maurice@vermont.gov>**Subject:** 100145 Lot number

Good Morning Jason,
I was reviewing your RPC that was completed yesterday 6/5. The DMT is working properly but the lot number was typed in without the dashes. As this might come up in court, could you please run an SSC protocol? You don't have to physically change the solution again, just reassign the lot number with the dashes included as it is seen on the label.

Thank you so much,

Brittany Shumway

Forensic Chemist II

Vermont Forensic Laboratory

45 State Drive

Waterbury, VT 05671

(802)-241-5322

SOLUTION CHANGE

DataMaster DMT: 100145
Location: ST. JOHNSBURY VSP
Date: 6/6/2025
Performed by: JASON M HALEY



Accuracy and Precision Check

Concentration = 0.100 g/210L
Lot # = 24-17-100
Range = 0.095 - 0.105
Average = 0.100 g/210L
Std Dev = 0.0005

Simulator Temperature: 34.0°C

pre-review: *Buttrey & Sug* 6/9/2025

Performed by

JM Haley

Date

6/6/2025