

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100151
Location: BARRE CITY PD
Adjustment Date: 9/18/2025
Calibration Date: 9/18/2025
Installation Date: 10/7/2025
RPC Date: 2/23/2026
Supervisor Name: MICHAEL R REALE

Diagnostic Results

VERSIONS
DMT: 2.07
PIC: 3.07
Modem: 3.0
Questions: 3.0

TEMPERATURES

Sample Chamber = 48.7°C
Breath Tube = 42.4°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.97 V
Cooler Voltage = 1.76 V
Bias Voltage = 80 V
Chopper Freq = 529 Hz

PUMP INFO

Flow Rate = 4.623 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	-0.0604	-0.0539
MIN (V)	-0.0618	-0.0567

FILTER INFO

Filter 1	-0.057	Zero = true
Filter 2	-0.176	Zero = true
Filter 3	0.608	Zero = true

Routine Performance Check Passed

Accuracy and Precision Check

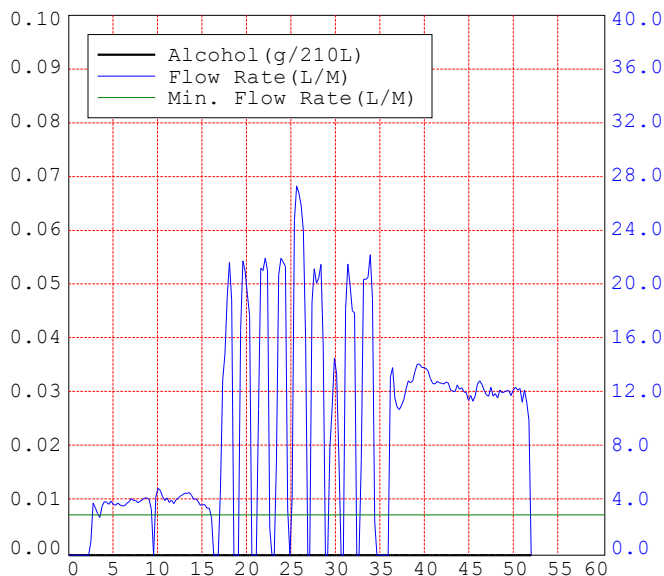
Concentration	= 0.101 g/210L
Lot #	= 26-01-100
Range	= 0.096 - 0.106
Average	= 0.098 g/210L
Std Dev	= 0.0007

RF Detection Test

Passed
RF detected

Sample Acceptance Test

Passed



Performed by

Date 2/23/2026

Reviewed by

Date 2/25/2026

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100151
Location: BARRE CITY PD
Adjustment Date: 9/18/2025
Calibration Date: 9/18/2025
Installation Date: 10/7/2025
RPC Date: 2/22/2026
Supervisor Name: MICHAEL R REALE

Diagnostic Results

VERSIONS
DMT: 2.07
PIC: 3.07
Modem: 3.0
Questions: 3.0

TEMPERATURES

Sample Chamber = 48.9°C
Breath Tube = 41.9°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.97 V
Cooler Voltage = 1.76 V
Bias Voltage = 80 V
Chopper Freq = 529 Hz

PUMP INFO

Flow Rate = 4.688 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	-0.0602	-0.0535
MIN (V)	-0.0618	-0.0563

FILTER INFO

Filter 1	-0.055	Zero = true
Filter 2	-0.176	Zero = true
Filter 3	0.608	Zero = true

Accuracy and Precision Check

Concentration	= 0.101 g/210L
Lot #	= 26-01-100
Range	= 0.096 - 0.106
Average	= 0.059 g/210L
Std Dev	= 0.0003
Average out of range	

Routine Performance Check Failed

Reason: ACCURACY AND PRECISION CHECK FAILED

Performed by 

Date 2/22/2026

Reviewed by _____

Date _____

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100151
Location: BARRE CITY PD
Adjustment Date: 9/18/2025
Calibration Date: 9/18/2025
Installation Date: 10/7/2025
RPC Date: 2/22/2026
Supervisor Name: MICHAEL R REALE

Diagnostic Results

VERSIONS
DMT: 2.07
PIC: 3.07
Modem: 3.0
Questions: 3.0

TEMPERATURES

Sample Chamber = 48.7°C
Breath Tube = 42.5°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.97 V
Cooler Voltage = 1.76 V
Bias Voltage = 80 V
Chopper Freq = 529 Hz

PUMP INFO

Flow Rate = 4.774 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	-0.0589	-0.0524
MIN (V)	-0.0608	-0.0555

FILTER INFO

Filter 1	-0.055	Zero = true
Filter 2	-0.175	Zero = true
Filter 3	0.609	Zero = true

Accuracy and Precision Check

Concentration	= 0.101 g/210L
Lot #	= 26-01-100
Range	= 0.096 - 0.106
Average	= 0.060 g/210L
Std Dev	= 0.0002
Average out of range	

Routine Performance Check Failed

Reason: ACCURACY AND PRECISION CHECK FAILED

Performed by

Date 2/22/2026

Reviewed by

Date

Re: DMT RPC Failed

From Reale, Michael <Michael.Reale@vermont.gov>

Date Mon 2/23/2026 9:50 AM

To Dukette, Jeffery <Jeffery.Dukette@vermont.gov>

Cc Hoar, Brian <Brian.Hoar@vermont.gov>; Frey, Jacob <Jacob.Frey@vermont.gov>; Eastman, Larry <Larry.Eastman@vermont.gov>; DPS - DMT <DPS.DMT@vermont.gov>

The new bottle of solution worked. The RPC was completed. Thank you.

Corporal Michael Reale

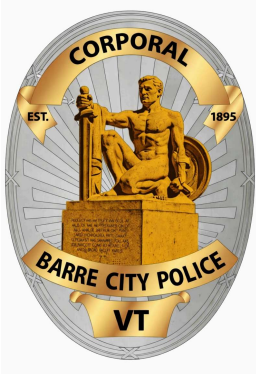
Barre City Police Department

15 Fourth Street

Barre, VT 05641

Phone: 802-476-6613

Fax: 802-476-0249



From: Dukette, Jeffery <Jeffery.Dukette@vermont.gov>

Sent: Monday, February 23, 2026 7:54 AM

To: Reale, Michael <Michael.Reale@vermont.gov>

Cc: Hoar, Brian <Brian.Hoar@vermont.gov>; Frey, Jacob <Jacob.Frey@vermont.gov>; Eastman, Larry <Larry.Eastman@vermont.gov>; DPS - DMT <DPS.DMT@vermont.gov>

Subject: Re: DMT RPC Failed

Good morning,

Sorry for not getting back to you yesterday. Yes, please try an entirely different bottle of solution to see if that helps. If that doesn't solve the issue, I will make time this week to check it out.

Thanks,

Jeff

From: Reale, Michael <Michael.Reale@vermont.gov>
Sent: Sunday, February 22, 2026 11:44 AM
To: Dukette, Jeffery <Jeffery.Dukette@vermont.gov>
Cc: Hoar, Brian <Brian.Hoar@vermont.gov>; Frey, Jacob <Jacob.Frey@vermont.gov>; Eastman, Larry <Larry.Eastman@vermont.gov>
Subject: Re: DMT RPC Failed

I did the test again after checking the simulator. The seal seemed to be fine, but I took it off and put it back on. This time, the solution average was at .059 g/210 L. Could it be a problem with the solution itself? And should we change the solution?

Corporal Michael Reale
Barre City Police Department
15 Fourth Street
Barre, VT 05641
Phone: 802-476-6613
Fax: 802-476-0249



From: Dukette, Jeffery <Jeffery.Dukette@vermont.gov>
Sent: Sunday, February 22, 2026 11:13 AM
To: Reale, Michael <Michael.Reale@vermont.gov>
Cc: Hoar, Brian <Brian.Hoar@vermont.gov>; Frey, Jacob <Jacob.Frey@vermont.gov>; Eastman, Larry <Larry.Eastman@vermont.gov>
Subject: Re: DMT RPC Failed

This is extremely low. Please disconnect the simulator and rescrew the top. There appears to be a leak or the solution wasn't to temperature. Once you've checked the seal, retry the test

Get [Outlook for iOS](#)

From: Reale, Michael <Michael.Reale@vermont.gov>
Sent: Sunday, February 22, 2026 10:13:30 AM
To: Dukette, Jeffery <Jeffery.Dukette@vermont.gov>
Cc: Hoar, Brian <Brian.Hoar@vermont.gov>; Frey, Jacob <Jacob.Frey@vermont.gov>; Eastman, Larry <Larry.Eastman@vermont.gov>
Subject: DMT RPC Failed

Jeff,

I attempted to complete an RPC on our DMT this morning, but the Accuracy and Precision Check failed. Looks like the solution average was out of range (.060 g/210L). I've attached the RPC report. How should we proceed from here?

Respectfully,

Corporal Michael Reale

Barre City Police Department

15 Fourth Street

Barre, VT 05641

Phone: 802-476-6613

Fax: 802-476-0249

