

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100145
Location: BRIGHTON PD
Calibration Date: 04/27/2017
Certification Date: 04/27/2017
Installation Date: 04/28/2017
RPC Date: 12/01/2022
Supervisor Name: TREVOR L COLBY

Diagnostic Results

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

TEMPERATURES

Sample Chamber = 49.0°C
Breath Tube = 46.3°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.63 V
Cooler Voltage = 1.60 V
Bias Voltage = 80 V
Chopper Freq = 540 Hz

PUMP INFO

Flow Rate = 5.823 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.6655	0.6695
MIN (V)	0.6636	0.6671

FILTER INFO

Filter	Value	Zero
Filter 1	0.669	true
Filter 2	1.178	true
Filter 3	1.932	true

CALIBRATION CHECK

Xq = 0.125 0.28%

Routine Performance Check Passed

Accuracy and Precision Check

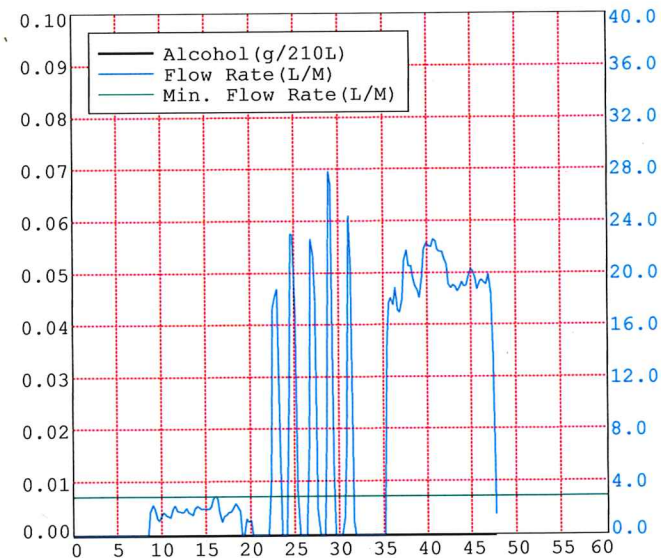
Concentration = 0.100 g/210L
Lot # = 22-06-100
Range = 0.095 - 0.105
Average = 0.098 g/210L
Std Dev = 0.0005

RF Detection Test

Passed
RF detected

Sample Acceptance Test

Passed



Performed by

Date

12/01/2022

Reviewed by

Date

12/12/2022

DMT Serial Number #100145

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ROUTINE PERFORMANCE CHECK REPORT



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Installation Date: 04/28/2017
RPC Date: 12/01/2022
Supervisor Name: TREVOR L COLBY

Diagnostic Results

VERSIONS

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

TEMPERATURES

Sample Chamber = 48.7°C
Breath Tube = 47.5°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.63 V
Cooler Voltage = 1.60 V
Bias Voltage = 80 V
Chopper Freq = 539 Hz

PUMP INFO

Flow Rate = 5.767 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.6667	0.6697
MIN(V)	0.6648	0.6679

FILTER INFO

Filter 1	0.668	Zero = true
Filter 2	1.178	Zero = true
Filter 3	1.930	Zero = true

CALIBRATION CHECK

Xq = 0.125 0.57%

Routine Performance Check Failed

Reason: SAMPLE ACCEPTANCE TEST FAILED

Accuracy and Precision Check

Concentration	= 0.100 g/210L
Lot #	= 22-06-100
Range	= 0.095 - 0.105
Average	= 0.099 g/210L
Std Dev	= 0.0000

RF Detection Test

Passed
RF detected

Sample Acceptance Test

Failed
User Abort

See email 828 12/21/2022

Performed by *[Signature]*

Date 12/01/2022

Reviewed by _____

Date _____

DMT Serial Number #100145

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Re: Brighton Visit

Stratton, Sarah <Sarah.Stratton@vermont.gov>

Thu 12/1/2022 3:44 PM

To: Colby, Trevor <Trevor.Colby@vermont.gov>

Oh no! Unfortunately the escape button on the keyboard and the upper left hand corner of the screen are danger zones. Those read as user aborts and we always have a handful of people who accidentally hit them and have to redo everything. It's definitely not fun.

Sarah Stratton

Forensic Chemist

Vermont Forensic Laboratory

sarah.stratton@vermont.gov

(802) 241-5322

From: Colby, Trevor <Trevor.Colby@vermont.gov>**Sent:** Thursday, December 1, 2022 3:38 PM**To:** Stratton, Sarah <Sarah.Stratton@vermont.gov>**Subject:** Re: Brighton Visit

New for your training. Carefully pick up the tube to insert the mouthpiece. If it accidentally hits the escape button in the keyboard you are starting over.

From: Stratton, Sarah <Sarah.Stratton@vermont.gov>**Sent:** Wednesday, August 3, 2022 4:12 PM**To:** Colby, Trevor <Trevor.Colby@vermont.gov>**Subject:** Re: Brighton Visit

Good news! You not only have a new, working printer, but you are back online (at least for now). It appears that since the DMT is plugged directly into a router instead of a DPS port, it is having issues recognizing that server. The long term fix is to get IT involved. The short term fix (which I used today) is to just restart the DMT. Upon restarting, you should see the upside down T in the lower right hand corner that indicates the DMT is connected. Personally, unless the DMT starts getting used a whole lot more, I would just recommend checking for that upside down T when running the RPCs and restarting the DMT if you don't see it. Also, the June RPC looks great. Well done! As always, if you have any questions or concerns, feel free to reach out.

Thank you,

Sarah Stratton

Forensic Chemist

Vermont Forensic Laboratory

sarah.stratton@vermont.gov

(802) 241-5322

From: Colby, Trevor <Trevor.Colby@vermont.gov>**Sent:** Tuesday, August 2, 2022 9:38 AM

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To: Stratton, Sarah <Sarah.Stratton@vermont.gov>

Subject: Re: Brighton Visit

Your the best I was struggling to make it work as well. Yes let's try again for tomorrow.

From: Stratton, Sarah <Sarah.Stratton@vermont.gov>

Sent: Tuesday, August 2, 2022 9:34 AM

To: Colby, Trevor <Trevor.Colby@vermont.gov>

Subject: Re: Brighton Visit

Good morning,

I won't be able to make it there today after all. Sorry for the last minute change, but would tomorrow at 1 work instead?

Thank you!

Sarah Stratton

Forensic Chemist

Vermont Forensic Laboratory

sarah.stratton@vermont.gov

(802) 241-5322

From: Stratton, Sarah <Sarah.Stratton@vermont.gov>

Sent: Friday, July 29, 2022 1:03 PM

To: Colby, Trevor <Trevor.Colby@vermont.gov>

Subject: Re: Brighton Visit

How does Tuesday (8/2) around 1 work?

Sarah Stratton

Forensic Chemist

Vermont Forensic Laboratory

sarah.stratton@vermont.gov

(802) 241-5322

From: Colby, Trevor <Trevor.Colby@vermont.gov>

Sent: Friday, July 29, 2022 11:26 AM

To: Stratton, Sarah <Sarah.Stratton@vermont.gov>

Subject: Re: Brighton Visit

Just let me know when we'll make it happen.

From: Stratton, Sarah <Sarah.Stratton@vermont.gov>

Sent: Friday, July 29, 2022 11:25 AM

To: Colby, Trevor <Trevor.Colby@vermont.gov>

Subject: Brighton Visit

Hey Trevor,

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12/2/22, 2:28 PM

Mail - Stratton, Sarah - Outlook

After we spoke on the phone I remembered I'll be returning Lyndonville's DMT at some point next week. I could make a trip to Brighton at that time to set up the new printer and take a look at the internet connection if someone would be able to let me into the building.
Let me know if this sounds feasible.
Thank you!

Sarah Stratton

Forensic Chemist

Vermont Forensic Laboratory

sarah.stratton@vermont.gov

(802) 241-5322

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