

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100158
 Location: NORTHFIELD PD
 Calibration Date: 08/25/2020
 Certification Date: 08/25/2020
 Installation Date: 08/27/2020
 RPC Date: 07/14/2022
 Supervisor Name: MICHAEL R GERO

Diagnostic Results

VERSIONS
 DMT: 2.06
 PIC: 3.07
 Modem: 2.6
 Questions: 2.1

TEMPERATURES

Sample Chamber = 48.7°C
 Breath Tube = 45.5°C
 Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.57 V
 Cooler Voltage = 1.58 V
 Bias Voltage = 80 V
 Chopper Freq = 560 Hz

PUMP INFO

Flow Rate = 6.373 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.0394	0.0433
MIN (V)	0.0380	0.0423

FILTER INFO

Filter 1	0.048	Zero = true
Filter 2	0.404	Zero = true
Filter 3	1.349	Zero = true

CALIBRATION CHECK

Xq = 0.090 3.80%

Routine Performance Check Passed

Accuracy and Precision Check

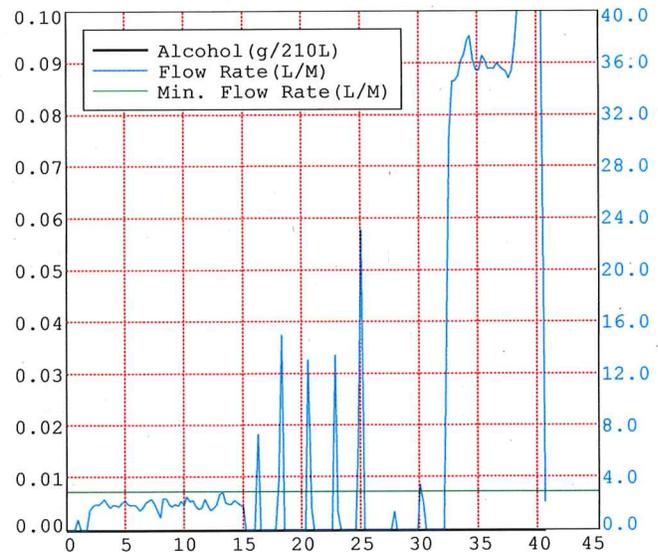
Concentration = 0.100 g/210L
 Lot # = 22-04-100
 Range = 0.095 - 0.105
 Average = 0.100 g/210L
 Std Dev = 0.0004

RF Detection Test

Passed
 RF detected

Sample Acceptance Test

Passed



See attached emails regarding failed tests. SRS 7/15/2022

Performed by *Michael R Gero*

Date 07/14/2022

Reviewed by *SRS*

Date 7/15/2022

DMT Serial Number #100158

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SRS

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ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100158
Location: NORTHFIELD PD
Calibration Date: 08/25/2020
Certification Date: 08/25/2020
Installation Date: 08/27/2020
RPC Date: 07/13/2022
Supervisor Name: MICHAEL R GERO

Diagnostic Results

VERSIONS

DMT: 2.06
PIC: 3.07
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 49.1°C
Breath Tube = 45.5°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.57 V
Cooler Voltage = 1.58 V
Bias Voltage = 80 V
Chopper Freq = 560 Hz

PUMP INFO

Flow Rate = 6.341 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.0484	0.0524
MIN (V)	0.0472	0.0512

FILTER INFO

Filter 1	0.053	Zero = true
Filter 2	0.405	Zero = true
Filter 3	1.353	Zero = true

CALIBRATION CHECK

Xq = 0.091 2.78%

Routine Performance Check Failed

Reason: ACCURACY AND PRECISION CHECK FAILED

Accuracy and Precision Check

Concentration

Lot #

Range

Average

Std Dev

Interference Detected

Performed by _____

Michael R Gero

Date

07/13/2022

Reviewed by _____

Date

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100158
Location: NORTHFIELD PD
Calibration Date: 08/25/2020
Certification Date: 08/25/2020
Installation Date: 08/27/2020
RPC Date: 07/10/2022
Supervisor Name: LEVI S WWILLEY

Diagnostic Results

VERSIONS
DMT: 2.06
PIC: 3.07
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.7°C
Breath Tube = 44.9°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.57 V
Cooler Voltage = 1.58 V
Bias Voltage = 80 V
Chopper Freq = 560 Hz

PUMP INFO

Flow Rate = 6.375 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.0449	0.0494
MIN (V)	0.0437	0.0476

FILTER INFO

Filter 1	0.050	Zero = true
Filter 2	0.404	Zero = true
Filter 3	1.348	Zero = true

CALIBRATION CHECK

Xq = 0.092 1.95%

Routine Performance Check Failed

Reason: ACCURACY AND PRECISION CHECK FAILED

Accuracy and Precision Check

Concentration
Lot #
Range
Average
Std Dev
Interference Detected

Performed by _____

Date 07/10/2022

Reviewed by _____

Date _____

Re: 2ND RPC resulted in "Interference" and failure; suggestions?

Gero, Michael <Michael.Gero@vermont.gov>

Thu 2022-07-14 4:23 PM

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

Thank you, the extended purge lead to a successful RPC.

Respectfully;

Michael R. Gero
Corporal
Northfield Police Department

Mailing: 51 South Main Street

Physical: 110 Wall Street, Northfield, VT 05663

Phone: (802) 485-9181

Fax: (802) 485-4188

michael.gero@vermont.gov

From: DPS - DMT <DPS.DMT@vermont.gov>**Sent:** Thursday, July 14, 2022 3:24 PM**To:** Gero, Michael <Michael.Gero@vermont.gov>**Subject:** Re: 2ND RPC resulted in "Interference" and failure; suggestions?

Good afternoon,

I would recommend running an extra purge. You can do this via the tech screen and selecting the pump or via the menu options and selecting functions - Purge Sample Chamber. Run the purge for at least a minute before exiting out. Then try running the RPC again. Make sure there are no potential contaminants located near the DMT.

Thank you,

Sarah

From: Gero, Michael <Michael.Gero@vermont.gov>**Sent:** Wednesday, July 13, 2022 4:48 PM**To:** DPS - DMT <DPS.DMT@vermont.gov>**Subject:** 2ND RPC resulted in "Interference" and failure; suggestions?

Hello;

I just performed a RPC 7/13/22 at about 1630 and it failed due to interference like when Officer Levi Willey did it.

It fully purged during the RPC so I am looking for guidance.

Respectfully;

Michael R. Gero
Corporal
Northfield Police Department

Mailing: 51 South Main Street

Physical: 110 Wall Street, Northfield, VT 05663

Phone: (802) 485-9181

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7/15/2022

Mail - DPS - DMT - Outlook

Fax: (802) 485-4188

michael.gero@vermont.gov

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Northfield RPC

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

Mon 2022-07-11 2:27 PM

To: Gero, Michael <Michael.Gero@vermont.gov>; Willey, Levi <Levi.Willey@Vermontgov.onmicrosoft.com>

Good afternoon,

I see that there was a failed RPC attempt on Sunday due to an interference error during the A&P test. The DMT did not actually need an RPC run at this time as one of our staff had been at the agency on Friday and performed it. Now that the instrument has a failed RPC as the most recent test, it will not allow DUI processing until a passing test is obtained. I would suggest purging the DMT for a least a minute and then retrying the RPC. Please reach out if you have any questions.

Thank you,

Sarah Stratton

Forensic Chemist

Vermont Forensic Laboratory

sarah.stratton@vermont.gov

(802) 241-5322

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