

ROUTINE PERFORMANCE CHECK REPORT

DataMaster DMT: 100151
Location: NEWPORT PD
Calibration Date: 03/31/2021
Certification Date: 03/31/2021
Installation Date: 04/09/2021
RPC Date: 09/30/2021
Supervisor Name: CHARLES D MOULTON



Diagnostic Results

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

TEMPERATURES

Sample Chamber = 48.8°C
Breath Tube = 44.4°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.84 V
Cooler Voltage = 1.83 V
Bias Voltage = 80 V
Chopper Freq = 535 Hz

PUMP INFO

Flow Rate = 4.757 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	-0.0010	0.0020
MIN(V)	-0.0033	0.0010

FILTER INFO

Filter	Value	Zero
Filter 1	0.002	true
Filter 2	0.342	true
Filter 3	1.126	true

CALIBRATION CHECK

Xq = 0.088 0.30%

Routine Performance Check Passed

Accuracy and Precision Check

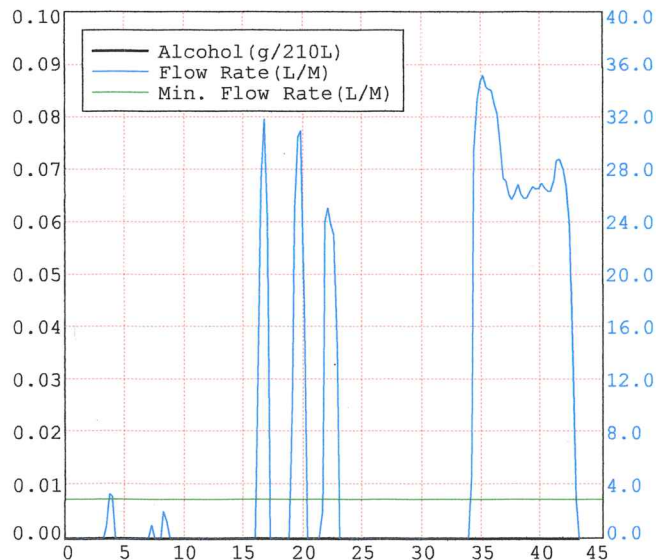
Concentration	= 0.100 g/210L
Lot #	= 21-05-100
Range	= 0.095 - 0.105
Average	= 0.098 g/210L
Std Dev	= 0.0000

RF Detection Test

Passed
RF detected

Sample Acceptance Test

Passed



Performed by 

Date 09/30/2021

Reviewed by 

Date 10/4/2021

DMT Serial Number #100151

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Diagnostic Results

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

TEMPERATURES

Sample Chamber = 48.8°C
Breath Tube = 44.9°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.84 V
Cooler Voltage = 1.83 V
Bias Voltage = 80 V
Chopper Freq = 533 Hz

PUMP INFO

Flow Rate = 4.686 L/M

DETECTOR INFO

PUMP ON OFF
MAX(V) -0.0118 -0.0069
MIN(V) -0.0132 -0.0087

FILTER INFO

Filter 1 -0.008 Zero = true
Filter 2 0.333 Zero = true
Filter 3 1.112 Zero = true

CALIBRATION CHECK

Xq = 0.088 0.20%

Routine Performance Check Failed

Reason: SAMPLE ACCEPTANCE TEST FAILED

Accuracy and Precision Check

Concentration = 0.100 g/210L
Lot # = 21-05-100
Range = 0.095 - 0.105
Average = 0.098 g/210L
Std Dev = 0.0004

RF Detection Test

Passed
RF detected

Sample Acceptance Test

Failed
RF Detected

See attached email. 8/28 10/4/2021

Performed by

Date

09/30/2021

Reviewed by

Date

Re: October RPC

Charles Moulton <charles.moulton@newportpd.org>

Sat 2021-10-02 1:16 AM

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

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

Operator error. While doing the RPC I didn't move my portable back away from the DMT between the RF Detection Test and the Sample Acceptance Tests. One of the analog channels keyed and there I was... Restarting...

I am shipping back several SIM bottles if I could get 2 sent up at some point please.

Sergeant Charles Moulton
Newport Police Department
222 Main Street
Newport City Vermont
(P) 802-334-6733
(F) 802-334-2818
(E) Charles.Moulton@Newportpd.org

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

Sent: Friday, October 1, 2021 11:00:55 AM

To: Charles Moulton

Subject: October RPC

Good morning,

We received your RPC and it looks good! Just for our records, could you provide a reason for the first RPC failing?

Thank you,

Sarah