

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100151
Location: NEWPORT PD
Calibration Date: 04/25/2017
Certification Date: 04/25/2017
Installation Date: 04/26/2017
RPC Date: 10/31/2019
Supervisor Name: CHARLES D MOULTON

Diagnostic Results

VERSIONS
DMT: 2.05
PIC: 2.08
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.7°C
Breath Tube = 42.7°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.73 V
Cooler Voltage = 1.71 V
Bias Voltage = 80 V
Chopper Freq = 541 Hz

PUMP INFO

Flow Rate = 4.900 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.6884	0.6913
MIN(V)	0.6868	0.6894

FILTER INFO

Filter	Value	Zero
Filter 1	0.690	true
Filter 2	0.987	true
Filter 3	1.634	true

CALIBRATION CHECK

Xq = 0.089 2.51%

Routine Performance Check Passed

Accuracy and Precision Check

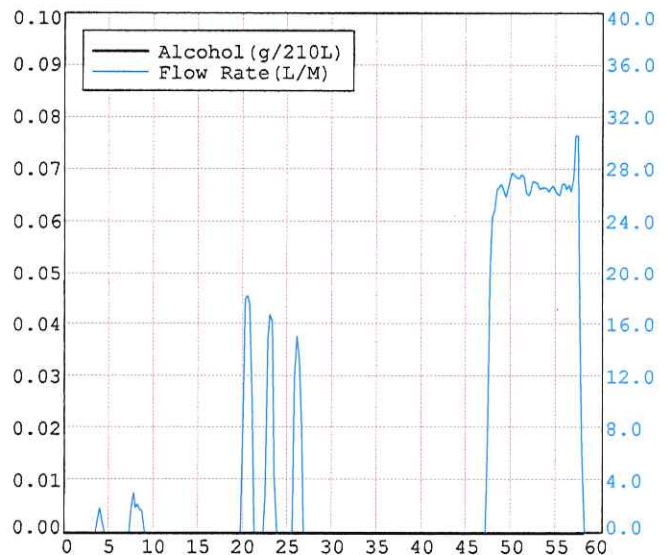
Concentration	= 0.101 g/210L
Lot #	= 19-04-100
Range	= 0.096 - 0.106
Average	= 0.100 g/210L
Std Dev	= 0.0000

RF Detection Test

Passed

Sample Acceptance Test

Passed



Performed by

Date 10/31/2019

Reviewed by

Date 11/4/2019

DMT Serial Number #100151

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Diagnostic Results

VERSIONS
DMT: 2.05
PIC: 2.08
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 49.0°C
Breath Tube = 43.7°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.73 V
Cooler Voltage = 1.71 V
Bias Voltage = 80 V
Chopper Freq = 542 Hz

PUMP INFO

Flow Rate = 4.857 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.7016	0.7053
MIN(V)	0.7004	0.7035

FILTER INFO

Filter	Value	Zero
Filter 1	0.704	true
Filter 2	1.000	true
Filter 3	1.640	true

CALIBRATION CHECK

Xq = 0.089 2.91%

Routine Performance Check Failed

Accuracy and Precision Check

Concentration	= 0.101 g/210L
Lot #	= 19-04-100
Range	= 0.096 - 0.106
Average	= 0.100 g/210L
Std Dev	= 0.0000

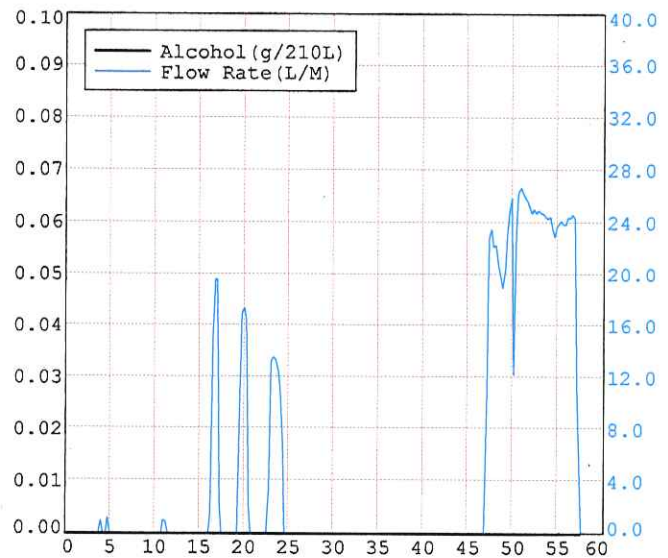
RF Detection Test

Passed

Sample Acceptance Test

Failed

* see email JSD 11/4/19



Performed by

Date

10/31/2019

Reviewed by

Date

DMT Serial Number #100151

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100151

JSD

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ROUTINE PERFORMANCE CHECK REPORT



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Installation Date: 04/26/2017
RPC Date: 10/31/2019
Supervisor Name: CHARLES D MOULTON

Diagnostic Results

VERSIONS
DMT: 2.05
PIC: 2.08
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.9°C
Breath Tube = 44.9°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.73 V
Cooler Voltage = 1.71 V
Bias Voltage = 80 V
Chopper Freq = 541 Hz

PUMP INFO

Flow Rate = 4.813 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.6795	0.6829
MIN(V)	0.6778	0.6813

FILTER INFO

Filter 1	0.682	Zero = true
Filter 2	0.979	Zero = true
Filter 3	1.622	Zero = true

CALIBRATION CHECK

Xq = 0.088 1.81%

Routine Performance Check Failed

* see email
JSD 11/4/19

Performed by Date 10/31/2019
Reviewed by Date

Re: DMT RPC

Charles Moulton <charles.moulton@newportpd.org>

Mon 2019-11-04 8:47 AM

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

Both tests advised "Blank Error". The first one was during the first set of self tests. The second was after I provided a sample. Possible cause may have been spilled solution (old solution not new) on the counter in the same room. On the third attempt I'm guessing things had aired out enough...

Sgt. Charles Moulton

Newport Police

(Sent from iPhone)

On Nov 4, 2019, at 08:27, DPS - DMT <DPS.DMT@vermont.gov> wrote:

Good morning,

I am reviewing the RPC you performed on 10/31/2019 and noticed that the first two attempts failed. Can you please advise what happened on the first attempt so I can make a note in the record? It looks like you failed the second attempt due the sample acceptance test? Was that due to the lack of sufficient shallow sample or was there something else going on?

Thanks,

Jeff

100151

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