

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100169
Location: Bellows Falls PD
Calibration Date: 08/10/2011
Certification Date: 08/10/2011
Installation Date: 09/07/2011
RPC Date: 10/05/2014
Supervisor Name: MICHAEL J KEEFE

Diagnostic Results

VERSIONS
DMT: 1.01
PIC: 2.06
Modem: 2.4
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.9°C
Breath Tube = 45.7°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.86 V
Cooler Voltage = 1.92 V
Bias Voltage = 80 V
Chopper Freq = 536 Hz

PUMP INFO

Flow Rate = 5.464 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.2421	0.2439
MIN (V)	0.2398	0.2427

FILTER INFO

Filter	Value	Zero
Filter 1	0.243	Zero = true
Filter 2	0.561	Zero = true
Filter 3	0.830	Zero = true

CALIBRATION CHECK

Xq = 0.096 1.29%

Routine Performance Check Passed

Accuracy and Precision Check

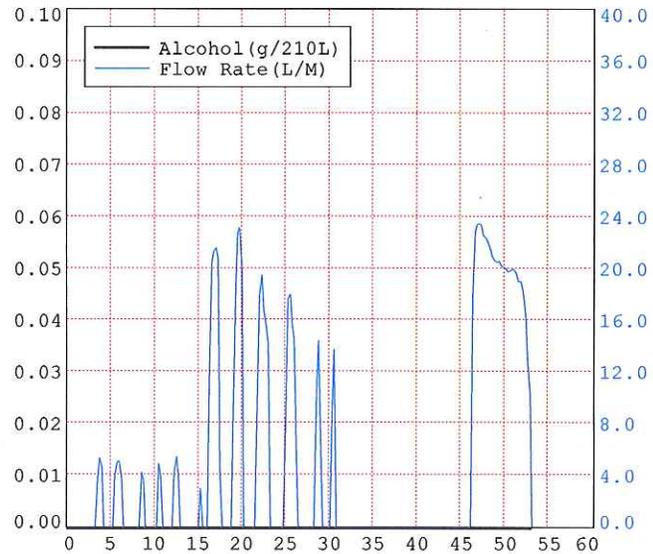
Concentration = 0.099 g/210L
Lot # = 13-21-100
Range = 0.094 - 0.104
Average = 0.102 g/210L
Std Dev = 0.0000

RF Detection Test

Passed

Sample Acceptance Test

Passed



Performed by

M. J. Keefe

Date

10/05/2014

Reviewed by

[Signature]

Date

11/6/14

DMT Serial Number #100169

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[Signature]
11/10/2014

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Calibration Date: 08/10/2011
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RPC Date: 10/05/2014
Supervisor Name: MICHAEL J KEEFE

Diagnostic Results

VERSIONS
DMT: 1.01
PIC: 2.06
Modem: 2.4
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.7°C
Breath Tube = 48.1°C
Digital Sim = 34.1°C

SETTINGS

Lamp Voltage = 1.85 V
Cooler Voltage = 1.92 V
Bias Voltage = 80 V
Chopper Freq = 536 Hz

PUMP INFO

Flow Rate = 5.416 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.2362	0.2384
MIN (V)	0.2346	0.2366

FILTER INFO

Filter	Value	Zero
Filter 1	0.236	Zero = true
Filter 2	0.555	Zero = true
Filter 3	0.820	Zero = true

CALIBRATION CHECK

Xq = 0.096 0.83%

Routine Performance Check Failed

Accuracy and Precision Check

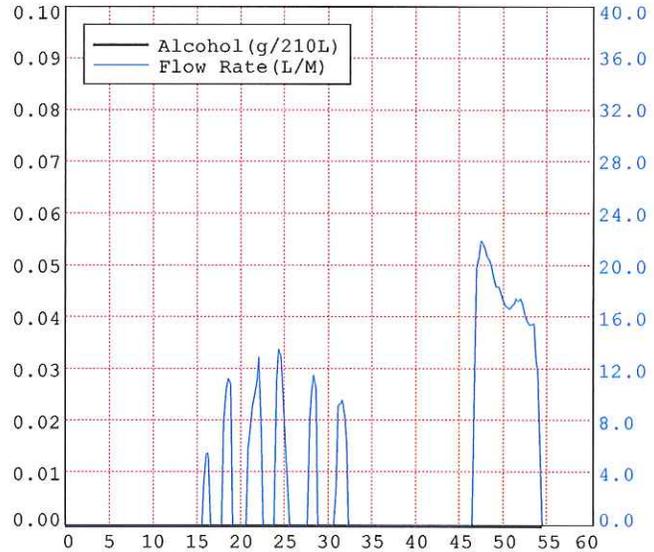
Concentration = 0.099 g/210L
Lot # = 13-21-100
Range = 0.094 - 0.104
Average = 0.101 g/210L
Std Dev = 0.0000

RF Detection Test

Passed

Sample Acceptance Test

Failed



Performed by

Michael J Keefe

Date

10/05/2014

Reviewed by

Date

SOLUTION CHANGE

DataMaster DMT: 100169
Location: Bellows Falls PD
Date: 10/05/2014
Performed by: MICHAEL J KEEFE



Accuracy and Precision Check

Concentration = 0.099 g/210L
Lot # = 13-21-100
Range = 0.094 - 0.104
Average = 0.101 g/210L
Std Dev = 0.0000

Simulator Temperature: 34°C

Performed by

M. J. Keefe

Date

11/06/2014

Driscoll, Rob

From: Keefe, Michael
Sent: Thursday, November 06, 2014 8:58 AM
To: Driscoll, Rob
Subject: RE: Oct RPC

I failed the test because I did the shallow breath test too shallow and it didn't register. I did the solution change as the previous solution was at the low end of its range. I will simplify the process if I have to do this again at RPC time.

I send the reports in one email to you both. If want a separate email I can do that.

Officer 1/c Michael Keefe
Bellows Falls Police Department
170 Rockingham Street
Bellows Falls, VT 05101
(802)-463-1234
(802)-463-4574 FAX
michael.keefe@state.vt.us

From: Driscoll, Rob
Sent: Thursday, November 06, 2014 8:53 AM
To: Keefe, Michael
Subject: RE: Oct RPC

Mike,

Whenever there is a failed RPC attempt, we need to know why the attempt failed. Yours looks like you failed the sample acceptance? Can you tell me why you failed it? In the future, make a note on the failed RPC sheet with your initials and date. Also, you do not need to perform a solution change protocol when completing an RPC. The RPC includes the solution change protocol (that's why you have to enter the new simulator solution lot number and concentration). The only time that you need to do the solution change protocol is when you change the simulator solution outside of the RPC. Lastly, we don't require you to send us the history reports (that is for your State's Attorney). If you have any questions at all please let me know.

Regards,
Rob

Robert Driscoll
Vermont Forensics Laboratory
103 South Main Street
Waterbury, VT 05671
Electronics Technician
Rob.Driscoll@state.vt.us
Desk: (802) 241-5817
Cell: (802) 585-0123

From: Keefe, Michael
Sent: Thursday, November 06, 2014 8:44 AM

To: Driscoll, Rob; Brown, Steven
Subject: Oct RPC

Rob,

I rebooted the machine and after a couple of attempts at saving the reports to my thumb drive the information finally transferred over.

Officer 1/c Michael Keefe
Bellows Falls Police Department
170 Rockingham Street
Bellows Falls, VT 05101
(802)-463-1234
(802)-463-4574 FAX
michael.keefe@state.vt.us