

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100152
 Location: Woodstock PD
 Calibration Date: 10/28/2014
 Certification Date: 10/28/2014
 Installation Date: 10/29/2014
 RPC Date: 10/25/2015
 Supervisor Name: JAMES OTRANTO

Diagnostic Results

VERSIONS
 DMT: 2.00
 PIC: 2.06
 Modem: 2.6
 Questions: 2.1

TEMPERATURES

Sample Chamber = 48.7°C
 Breath Tube = 46.7°C
 Digital Sim = 34.1°C

SETTINGS

Lamp Voltage = 1.71 V
 Cooler Voltage = 1.72 V
 Bias Voltage = 80 V
 Chopper Freq = 530 Hz

PUMP INFO

Flow Rate = 4.991 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.2094	0.2116
MIN (V)	0.2075	0.2098

FILTER INFO

Filter 1	0.210	Zero = true
Filter 2	0.539	Zero = true
Filter 3	1.174	Zero = true

CALIBRATION CHECK

Xq = 0.084 1.04%

Routine Performance Check Passed

Accuracy and Precision Check

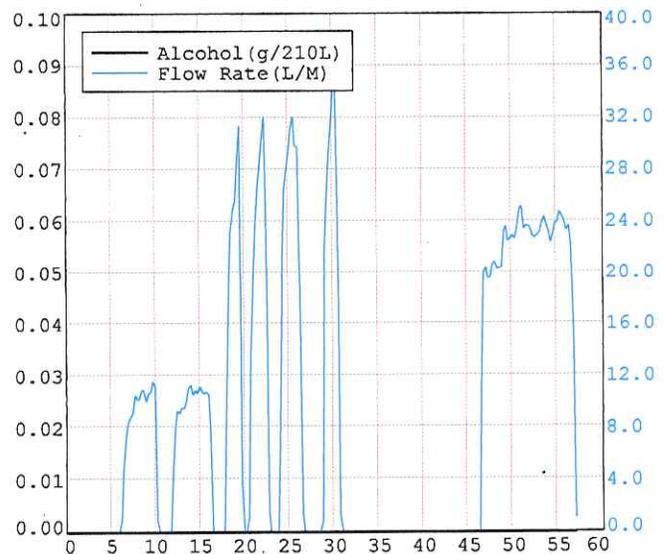
Concentration = 0.100 g/210L
 Lot # = 15-07-100
 Range = 0.095 - 0.105
 Average = 0.102 g/210L
 Std Dev = 0.0004

RF Detection Test

Passed

Sample Acceptance Test

Passed



Performed by

Jan P. Otranto

Date

10/25/2015

Reviewed by

[Signature]

Date

10/25/15

DMT Serial Number #100152

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Driscoll, Rob

From: Driscoll, Rob
Sent: Monday, October 26, 2015 10:22 AM
To: 'Otranto Jim'
Subject: RE: October RPC Questions

Thanks for the clarification. I believe you must have provided 1.5L of air during your intermittent test, which caused the sample acceptance to finish (as soon as the instrument sees a 1.5L sample that meets the minimum flow rate it will accept it as a valid sample..as it should). The intermittent test is just a quick puff, stop, puff stop. We do not need you to send us copies as I have printed them from our Host computer.

Thanks,
Rob

From: Otranto Jim [<mailto:jotranto@townofwoodstock.org>]
Sent: Monday, October 26, 2015 10:18 AM
To: Driscoll, Rob
Subject: Re: October RPC Questions

Rob,

For some reason it never went to the suck back and alcohol free test on those two. I will put failed if that happens again. On the other note I did the solution change then did the RPC, it was early in the morning and had a number of distractions when I was trying to get the tests done.

Jim

P.S. Do I still need to sent the hard copy or can you just retrieve it from the machine?

On Oct 26, 2015, at 9:39 AM, Driscoll, Rob <Rob.Driscoll@vermont.gov> wrote:

Jim

In reviewing your RPC I noticed a few things that I wanted to clear up. I noticed that you had 3 "passing" RPC's (we can see on our Host computer). Did you redo the tests because the sample acceptance failed? If so, in the future, when prompted if the sample acceptance passed, please select "NO" at that time. Also, I noticed that you performed a solution change protocol as well. You do not need to do this before the RPC. You must change the physical solution, then just perform your RPC.

Thanks,
Rob

Robert Driscoll
Vermont Forensics Laboratory
45 State Drive
Waterbury, VT 05671

ROUTINE PERFORMANCE CHECK REPORT



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Location: Woodstock PD
Calibration Date: 10/28/2014
Certification Date: 10/28/2014
Installation Date: 10/29/2014
RPC Date: 10/25/2015
Supervisor Name: JAMES OTRANTO

Diagnostic Results

VERSIONS
DMT: 2.00
PIC: 2.06
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 49.0°C
Breath Tube = 47.3°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.70 V
Cooler Voltage = 1.73 V
Bias Voltage = 80 V
Chopper Freq = 531 Hz

PUMP INFO

Flow Rate = 5.021 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.2028	0.2065
MIN(V)	0.2014	0.2041

FILTER INFO

Filter 1	0.205	Zero = true
Filter 2	0.531	Zero = true
Filter 3	1.164	Zero = true

CALIBRATION CHECK

Xq = 0.084 0.62%

Routine Performance Check Passed

Accuracy and Precision Check

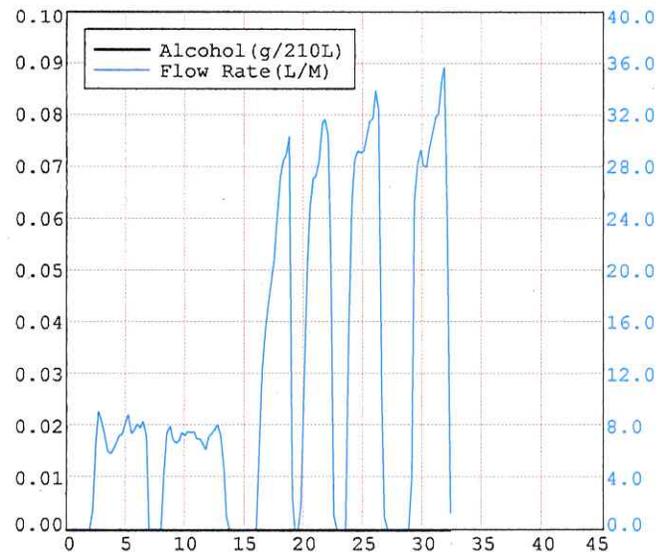
Concentration = 0.100 g/210L
Lot # = 15-07-100
Range = 0.095 - 0.105
Average = 0.102 g/210L
Std Dev = 0.0000

RF Detection Test

Passed

Sample Acceptance Test

Passed



Performed by

JPO

Date

10/25/2015

Reviewed by

Date

SOLUTION CHANGE

DataMaster DMT: 100152
Location: Woodstock PD
Date: 10/25/2015
Performed by: JAMES OTRANTO



Accuracy and Precision Check

Concentration = 0.100 g/210L
Lot # = 15-07-100
Range = 0.095 - 0.105
Average = 0.101 g/210L
Std Dev = 0.0008

Simulator Temperature: 34.1°C

Performed by James Otranto

Date 10/25/2015