

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 300387
 Location: Hinesburg PD
 Calibration Date: 07/10/2013
 Certification Date: 07/11/2013
 Installation Date: 02/13/2014
 RPC Date: 10/07/2015
 Supervisor Name: CALEB M CASCO

Diagnostic Results

VERSIONS
 DMT: 2.00
 PIC: 2.05
 Modem: 2.6
 Questions: 2.1

TEMPERATURES

Sample Chamber = 48.9°C
 Breath Tube = 48.1°C
 Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.70 V
 Cooler Voltage = 1.81 V
 Bias Voltage = 82 V
 Chopper Freq = 541 Hz

PUMP INFO

Flow Rate = 5.660 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	-0.0161	-0.0122
MIN (V)	-0.0175	-0.0146

FILTER INFO

Filter 1	-0.014	Zero = true
Filter 2	0.687	Zero = true
Filter 3	0.443	Zero = true

CALIBRATION CHECK

Xq = 0.072 0.83%

Routine Performance Check Passed

Accuracy and Precision Check

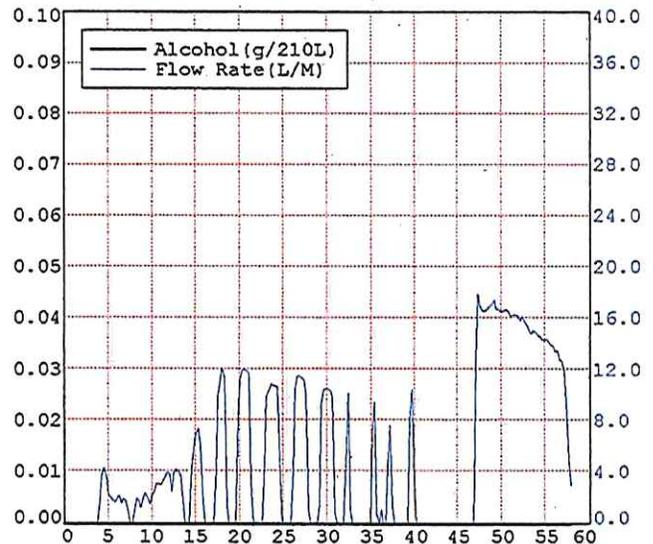
Concentration	= 0.099 g/210L
Lot #	= 15-12-100
Range	= 0.094 - 0.104
Average	= 0.099 g/210L
Std Dev	= 0.0004

RF Detection Test

Passed

Sample Acceptance Test

Passed



Performed by [Signature]

Date 10/07/2015

Reviewed by [Signature]

Date 10/9/15

DMT Serial Number #300387

Page 1 of 1

10/07/2015 4:31 PM

Page 1 of 5 REV

Driscoll, Rob

From: Casco, Caleb
Sent: Wednesday, October 07, 2015 5:08 PM
To: Driscoll, Rob
Subject: RE: Oct RPC
Attachments: doc03403820151007164453.pdf

I don't know what was wrong but I took it apart and then it worked. See attached.

Thanks,
Caleb

From: Driscoll, Rob
Sent: Wednesday, October 07, 2015 7:02 AM
To: Casco, Caleb
Subject: RE: Oct RPC

Caleb,

Make sure the jar is not cross-threaded and is getting a good tight seal against the lid oring. Also make sure the ports both "click" when you push it back on to the tower. Usually when the simulator times out, there is a leak in the system....which means when you changed the solution something happened. Let me know if this helps.

Regards,
Rob

Robert Driscoll
Vermont Forensics Laboratory
45 State Drive
Waterbury, VT 05671
Electronics Technician
Rob.Driscoll@Vermont.gov
Desk: (802) 241-5817
Cell: (802) 585-0123

From: Casco, Caleb
Sent: Tuesday, October 06, 2015 8:12 PM
To: Driscoll, Rob
Subject: Oct RPC

I tried to do my Oct RPC and it kicked me out saying "Simulator timed out" ?

Thanks,

Caleb

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 300387
Location: Hinesburg PD
Calibration Date: 07/10/2013
Certification Date: 07/11/2013
Installation Date: 02/13/2014
RPC Date: 10/06/2015
Supervisor Name: CALEB M CASCO

Diagnostic Results

VERSIONS
DMT: 2.00
PIC: 2.05
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.8°C
Breath Tube = 48.1°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.70 V
Cooler Voltage = 1.81 V
Bias Voltage = 82 V
Chopper Freq = 543 Hz

PUMP INFO

Flow Rate = 5.669 L/M

DETECTOR INFO.

PUMP	ON	OFF
MAX(V)	-0.0201	-0.0163
MIN(V)	-0.0220	-0.0187

FILTER INFO

Filter 1	-0.018	Zero = true
Filter 2	0.683	Zero = true
Filter 3	0.439	Zero = true

CALIBRATION CHECK

Xq = 0.072 0.59%

Routine Performance Check Failed

Accuracy and Precision Check

Concentration
Lot #
Range
Average
Std Dev

Performed by

[Signature]

Date

10/06/2015

Reviewed by

Date

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 300387
Location: Hinesburg PD
Calibration Date: 07/10/2013
Certification Date: 07/11/2013
Installation Date: 02/13/2014
RPC Date: 10/06/2015
Supervisor Name: CALEB M CASCO

Diagnostic Results

VERSIONS
DMT: 2.00
PIC: 2.05
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.8°C
Breath Tube = 48.1°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.70 V
Cooler Voltage = 1.81 V
Bias Voltage = 82 V
Chopper Freq = 541 Hz

PUMP INFO

Flow Rate = 5.709 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	-0.0100	-0.0067
MIN(V)	-0.0116	-0.0091

FILTER INFO

Filter 1	-0.009	Zero = true
Filter 2	0.692	Zero = true
Filter 3	0.451	Zero = true

CALIBRATION CHECK

Xq = 0.073 0.24%

Routine Performance Check Failed

Accuracy and Precision Check

Concentration
Lot #
Range
Average
Std Dev

Performed by _____

Date 10/06/2015

Reviewed by _____

Date _____

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 300387
Location: Hinesburg PD
Calibration Date: 07/10/2013
Certification Date: 07/11/2013
Installation Date: 02/13/2014
RPC Date: 10/06/2015
Supervisor Name: CALEB M CASCO

Diagnostic Results

Routine Performance Check Failed

User aborted test 20 10/13/15

Performed by _____

5 of 5 RCD