ROUTINE PERFORMANCE CHECK REPORT

DataMaster DMT: 100150
Location: Bristol PD
Calibration Date: 02/14/2012
Certification Date: 02/15/2012
Installation Date: 09/30/2013
RPC Date: 02/16/2015
Supervisor Name: KEVIN E GIBBS

Diagnostic Results

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

TEMPERATURES

Sample Chamber = 48.8°C
Breath Tube    = 45.0°C
Digital Sim    = 33.9°C

SETTINGS
Lamp Voltage   = 1.60 V
Cooler Voltage = 1.58 V
Bias Voltage   = 80 V
Chopper Freq   = 546 Hz

PUMP INFO
Flow Rate = 5.961 L/M

DETECTOR INFO
PUMP     ON          OFF
MAX(V)    0.2031      0.2063
MIN(V)    0.2018      0.2051

FILTER INFO
Filter 1   0.206  Zero = true
Filter 2   0.940  Zero = true
Filter 3   0.934  Zero = true

CALIBRATION CHECK
Xq  = 0.084  0.21%
```

Routine Performance Check Passed

Accuracy and Precision Check

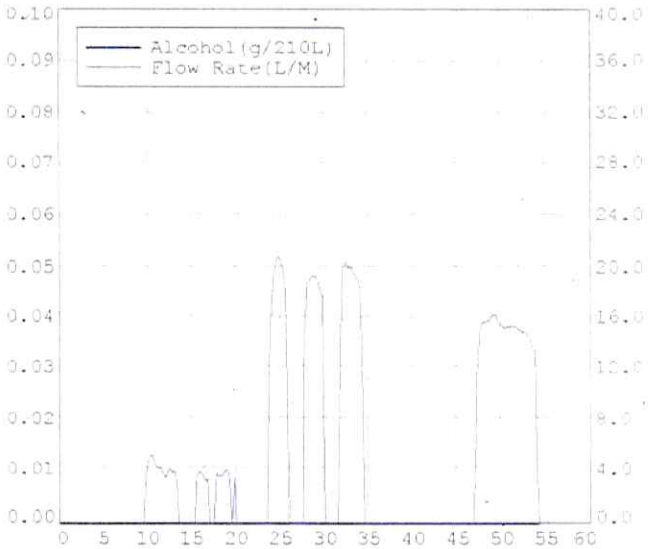
Concentration = 0.098 g/210L
Lot # = 14-05-100
Range = 0.093 - 0.103
Average = 0.097 g/210L
Std Dev = 0.0000

RF Detection Test

Passed

Sample Acceptance Test

Passed



Performed by Kevin E Gibbs Date 02/16/2015

Reviewed by Date 2/25/15

AB 2/26/15

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Diagnostic Results

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

TEMPERATURES

Sample Chamber = 48.8°C
Breath Tube    = 46.8°C
Digital Sim    = 34.0°C

SETTINGS
Lamp Voltage   = 1.60 V
Cooler Voltage = 1.58 V
Bias Voltage   = 80 V
Chopper Freq   = 545 Hz

PUMP INFO
Flow Rate = 5.926 L/M

DETECTOR INFO
PUMP     ON          OFF
MAX(V)    0.1976      0.2010
MIN(V)    0.1965      0.1996

FILTER INFO
Filter 1   0.201  Zero = true
Filter 2   0.935  Zero = true
Filter 3   0.927  Zero = true

CALIBRATION CHECK
Xq  = 0.084  0.10%
```

Accuracy and Precision Check

Concentration =
Lot # =
Range =
Average =
Std Dev =

Routine Performance Check Failed

Performed by _____ Date 02/16/2015

Reviewed by _____ Date _____

2626 RD

ROUTINE PERFORMANCE CHECK REPORT

DataMaster DMT: 100150
Location: Bristol PD
Calibration Date: 02/14/2012
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Installation Date: 09/30/2013
RPC Date: 02/16/2015
Supervisor Name: KEVIN E GIBBS

Diagnostic Results

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

TEMPERATURES

Sample Chamber = 49.0°C
Breath Tube    = 46.0°C
Digital Sim    = 34.0°C

SETTINGS
Lamp Voltage   = 1.60 V
Cooler Voltage = 1.58 V
Bias Voltage   = 80 V
Chopper Freq   = 546 Hz

PUMP INFO
Flow Rate = 6.052 L/M

DETECTOR INFO
PUMP     ON          OFF
MAX(V)    0.1990      0.2022
MIN(V)    0.1976      0.2010

FILTER INFO
Filter 1   0.202  Zero = true
Filter 2   0.937  Zero = true
Filter 3   0.929  Zero = true

CALIBRATION CHECK
Xq  = 0.084  0.62%
```

Accuracy and Precision Check

Concentration	-
Lot #	-
Range	-
Average	-
Std Dev	-

Routine Performance Check Failed

Performed by Kevin E Gibbs Date 02/16/2015

Reviewed by _____ Date _____

ROUTINE PERFORMANCE CHECK REPORT

DataMaster DMT: 100150
Location: Bristol PD
Calibration Date: 02/14/2012
Certification Date: 02/15/2012
Installation Date: 09/30/2013
RPC Date: 02/16/2015
Supervisor Name: KEVIN E GIBBS

Diagnostic Results

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

TEMPERATURES

Sample Chamber = 48.9°C
Breath Tube    = 46.7°C
Digital Sim    = 34.0°C

SETTINGS
Lamp Voltage   = 1.60 V
Cooler Voltage = 1.58 V
Bias Voltage   = 80 V
Chopper Freq   = 546 Hz

PUMP INFO
Flow Rate = 6.020 L/M

DETECTOR INFO
PUMP     ON          OFF
MAX(V)    0.2010      0.2041
MIN(V)    0.1996      0.2024

FILTER INFO
Filter 1   0.203  Zero = true
Filter 2   0.938  Zero = true
Filter 3   0.932  Zero = true

CALIBRATION CHECK
Xq  = 0.084  0.52%
```

Accuracy and Precision Check

Concentration =
Lot # =
Range =
Average =
Std Dev =

Routine Performance Check Failed

Performed by _____ Date 02/16/2015

Reviewed by _____ Date _____

406 RD

ROUTINE PERFORMANCE CHECK REPORT

DataMaster DMT: 100150
Location: Bristol PD
Calibration Date: 02/14/2012
Certification Date: 02/15/2012
Installation Date: 09/30/2013
RPC Date: 02/16/2015
Supervisor Name: KEVIN E GIBBS

Diagnostic Results

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

TEMPERATURES

Sample Chamber = 49.0°C
Breath Tube    = 45.6°C
Digital Sim    = 33.9°C

SETTINGS
Lamp Voltage   = 1.60 V
Cooler Voltage = 1.57 V
Bias Voltage   = 80 V
Chopper Freq   = 546 Hz

PUMP INFO
Flow Rate = 6.030 L/M

DETECTOR INFO
PUMP     ON          OFF
MAX(V)    0.2014      0.2049
MIN(V)    0.2000      0.2033

FILTER INFO
Filter 1   0.204  Zero = true
Filter 2   0.939  Zero = true
Filter 3   0.933  Zero = true

CALIBRATION CHECK
Xq  = 0.085  0.62%
```

Accuracy and Precision Check

Concentration =
Lot # =
Range =
Average =
Std Dev =

Routine Performance Check Failed

Performed by _____ Date 02/16/2015

Reviewed by _____ Date _____

Driscoll, Rob

From: Gibbs, Kevin
Sent: Tuesday, February 24, 2015 10:21 AM
To: Driscoll, Rob
Subject: Re: RPC Reminder

Rob, Did it earlier this month and sent reports to you by email attachment. I also indicated in the email I was concerned about the o-ring on the solution jar as the RPC seems to fail unless the jar is tightened just right. Just a little too tight and it fails. Just a little too loose and it fails. Took 3-4 tries to get it just right. It's working though after those attempts.

Sent from my iPhone

On Feb 23, 2015, at 13:16, Driscoll, Rob <Rob.Driscoll@state.vt.us> wrote:

> Our records indicate that you have not yet performed the February RPC for your DataMaster DMT. If this is not completed before the end of February, the instrument will automatically be removed from service until such time as a passing RPC is completed. The instrument will display *"Routine Performance Check Required"*. Please submit a color copy of your results to us via e-mail or mail at your earliest convenience.
>
> If you have any questions, please contact me.
>
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> Vermont Forensics Laboratory
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