

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100148
Location: Berlin PD
Calibration Date: 11/09/2011
Certification Date: 11/14/2011
Installation Date: 12/08/2011
RPC Date: 10/10/2016
Supervisor Name: ROBERT DRISCOLL

Diagnostic Results

VERSIONS

DMT: 2.00
PIC: 2.06
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 = 1.64 V
Cooler Voltage = 1.69 V
Bias Voltage = 80 V
Chopper Freq = 541 Hz

PUMP INFO

Flow Rate = 5.841 L/M

DETECTOR INFO

| PUMP | ON | OFF |
|--------|--------|--------|
| MAX(V) | 0.5335 | 0.5364 |
| MIN(V) | 0.5321 | 0.5341 |

FILTER INFO

| Filter | Value | Zero |
|----------|-------|-------------|
| Filter 1 | 0.535 | Zero = true |
| Filter 2 | 0.855 | Zero = true |
| Filter 3 | 0.728 | Zero = true |

CALIBRATION CHECK

Xq = 0.084 1.88%

Routine Performance Check Passed

Accuracy and Precision Check

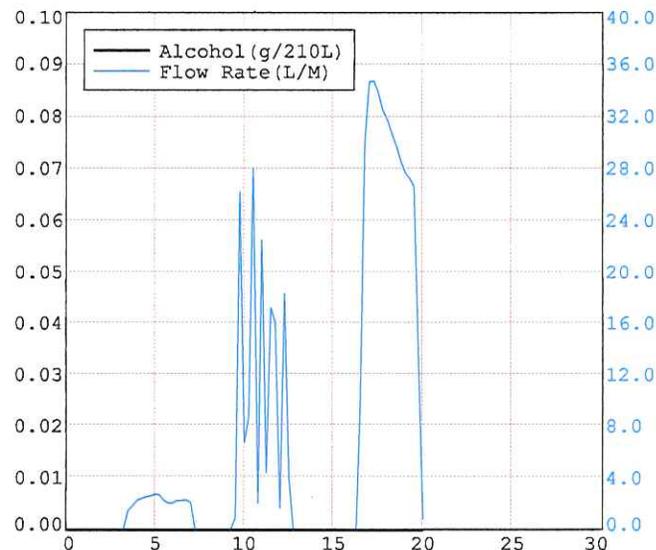
Concentration = 0.099 g/210L
Lot # = 16-05-100
Range = 0.094 - 0.104
Average = 0.099 g/210L
Std Dev = 0.0004

RF Detection Test

Passed

Sample Acceptance Test

Passed



Found Simulator leaking. Tightened simulator jar and reran RPC protocol. RD 10/10/16

Performed by RD

Date 10/10/2016

Reviewed by [Signature]

Date 10/11/16

RPC

Bassette, Chad

Sun 10/9/2016 6:19 PM

Inbox

To: Driscoll, Rob <Rob.Driscoll@vermont.gov>; Giammanco, Marcella <Marcella.Giammanco@vermont.gov>;

Cc: Monteith, Mark <Mark.Monteith@vermont.gov>;

I am in the process of doing our RPC and I am seeing that we have the state and other departments using our datamaster as theirs are apparently down. I thought that we had alot of the breath tubes, however, in looking, I see we have 10 to include the one that I will be using today.

Can we get another 100 of them.

I have attached Sgt. Monteith who is the other Datamaster supervisor and if available I am hoping that he can go to the lab and grab some breath tubes today. Sgt. Monteith is in at noon and it would be sometime after that point.

Thanks

Sergeant Chad Bassette

Berlin Police Department

108 Shed Road

Berlin, VT 05602

1-802-223-4401 (Phone)

1-802-223-4402 (Fax)

<http://berlinvt.org/>

100148

2 RD

Last email

Bassette, Chad

Sun 10/9/2016 7:09 PM

Inbox

To: Driscoll, Rob <Rob.Driscoll@vermont.gov>; Giammanco, Marcella <Marcella.Giammanco@vermont.gov>;

Cc: Monteith, Mark <Mark.Monteith@vermont.gov>;

📎 1 attachments (45 KB)

DOC100916-10092016185600.pdf;

actually, I just took the datamaster out of service as it flashes that it is unable to connect to internet time, asked for a reset of timer and stated that the simulator timed out.

I tried it twice with a shut down in between and got the same result Please see the below picture and that attached RPC's that are not finished.

And seeing how I would imagine this would require your work, could you please bring some breath tubes with you.

100148 3 R00

Copy

Unable to get internet time.: time.nist.gov

SUPERVISOR



Sergeant Chad Bassette

Berlin Police Department

108 Shed Road

Berlin, VT 05602

1-802-223-4401 (Phone)

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<http://berlinvt.org/>

100148 4 RCD

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100148
Location: Berlin PD
Calibration Date: 11/09/2011
Certification Date: 11/14/2011
Installation Date: 12/08/2011
RPC Date: 10/09/2016
Supervisor Name: CHAD J BASSETTE

Diagnostic Results

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

TEMPERATURES

Sample Chamber = 48.8°C
Breath Tube = 48.1°C
Digital Sim = 33.9°C

SETTINGS

Lamp Voltage = 1.64 V
Cooler Voltage = 1.68 V
Bias Voltage = 80 V
Chopper Freq = 542 Hz

PUMP INFO

Flow Rate = 5.806 L/M

DETECTOR INFO

| PUMP | ON | OFF |
|--------|--------|--------|
| MAX(V) | 0.5398 | 0.5425 |
| MIN(V) | 0.5382 | 0.5411 |

FILTER INFO

| | | |
|----------|-------|-------------|
| Filter 1 | 0.541 | Zero = true |
| Filter 2 | 0.861 | Zero = true |
| Filter 3 | 0.739 | Zero = true |

CALIBRATION CHECK

Xq = 0.084 1.88%

Routine Performance Check Failed

Accuracy and Precision Check

Concentration
Lot #
Range
Average
Std Dev

Performed by _____

Date 10/09/2016

Reviewed by _____

Date _____

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Supervisor Name: CHAD J BASSETTE

Diagnostic Results

VERSIONS
DMT: 2.00
PIC: 2.06
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 = 1.64 V
Cooler Voltage = 1.69 V
Bias Voltage = 80 V
Chopper Freq = 542 Hz

PUMP INFO

Flow Rate = 5.838 L/M

DETECTOR INFO

| | | |
|--------|--------|--------|
| PUMP | ON | OFF |
| MAX(V) | 0.5431 | 0.5451 |
| MIN(V) | 0.5417 | 0.5435 |

FILTER INFO

| | | |
|----------|-------|-------------|
| Filter 1 | 0.545 | Zero = true |
| Filter 2 | 0.864 | Zero = true |
| Filter 3 | 0.743 | Zero = true |

CALIBRATION CHECK

Xq = 0.084 1.77%

Routine Performance Check Failed

Accuracy and Precision Check

Concentration
Lot #
Range
Average
Std Dev

Performed by _____

Date 10/09/2016

Reviewed by _____

Date _____