

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100164
Location: Rutland City PD
Calibration Date: 08/31/2011
Certification Date: 08/31/2011
Installation Date: 12/01/2011
RPC Date: 06/10/2016
Supervisor Name: CHARLES G WHITEHEAD

Diagnostic Results

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

TEMPERATURES

Sample Chamber = 49.1°C
 Breath Tube = 43.5°C
 Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.81 V
 Cooler Voltage = 1.71 V
 Bias Voltage = 80 V
 Chopper Freq = 548 Hz

PUMP INFO

Flow Rate = 5.614 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.2947	0.2986
MIN (V)	0.2925	0.2967

FILTER INFO

Filter	Value	Zero
Filter 1	0.298	Zero = true
Filter 2	0.506	Zero = true
Filter 3	0.917	Zero = true

CALIBRATION CHECK

Xq = 0.088 2.40%

Routine Performance Check Passed

Accuracy and Precision Check

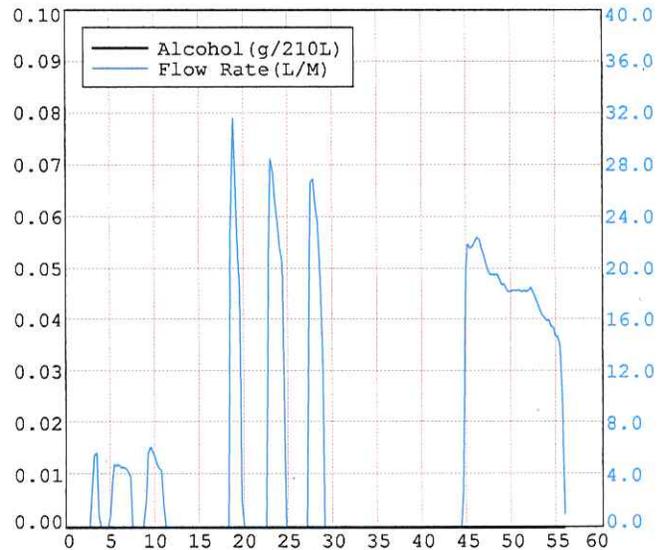
Concentration = 0.099 g/210L
 Lot # = 15-24-100
 Range = 0.094 - 0.104
 Average = 0.099 g/210L
 Std Dev = 0.0005

RF Detection Test

Passed

Sample Acceptance Test

Passed



Performed by [Signature]

Date 06/10/2016

Reviewed by [Signature]

Date 6/13/16

DMT Serial Number #100164

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 RO

[Signature]
 6/20/16

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PIC: 2.06
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 49.0°C
Breath Tube = 44.5°C
Digital Sim = 34.1°C

SETTINGS

Lamp Voltage = 1.81 V
Cooler Voltage = 1.71 V
Bias Voltage = 80 V
Chopper Freq = 556 Hz

PUMP INFO

Flow Rate = 5.549 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.2681	0.2717
MIN(V)	0.2661	0.2697

FILTER INFO

Filter 1	0.272	Zero = true
Filter 2	0.479	Zero = true
Filter 3	0.924	Zero = true

CALIBRATION CHECK

Xq = 0.088 2.30%

Routine Performance Check Failed

Accuracy and Precision Check

Concentration
Lot #
Range
Average
Std Dev

Performed by

CV Whitehead

Date

06/09/2016

Reviewed by

Date

DMT Serial Number #100164

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2065 RCD

06/09/2016 5:00 PM

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Filter Wheel Error

Routine Performance Check Failed

Performed by *C. Whitehead* Date 06/09/2016

Reviewed by _____ Date _____

3068 6 RCD 6/2016
3068 RCD

RE: DMT

Driscoll, Rob

Mon 6/13/2016 7:53 AM

To: Whitehead, Charles <Charles.Whitehead@vermont.gov>;

Chuck,

Do you know why the first two RPC attempts failed? We keep the email description with the RPC records.

Thanks

Rob

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

From: Whitehead, Charles
Sent: Friday, June 10, 2016 3:33 PM
To: Driscoll, Rob
Subject: DMT

Rob are you working today?

Corporal Charles Whitehead
Rutland City Police Department
108 Wales St Rutland City, VT 05701
Email: Charles.Whitehead@vermont.gov

RE: DMT

Driscoll, Rob

Mon 6/13/2016 3:18 PM

DMT Discoverable

To: Whitehead, Charles <Charles.Whitehead@vermont.gov>;

Thanks! Let me know how it goes.

From: Whitehead, Charles
Sent: Monday, June 13, 2016 3:18 PM
To: Driscoll, Rob
Subject: Re: DMT

Ok thank you I will try that tomorrow and see how it goes!

Sent from my iPhone

On Jun 13, 2016, at 3:17 PM, Driscoll, Rob <Rob.Driscoll@vermont.gov> wrote:

Charles,

Another thing you can do to make sure it's not an intermittent problem is to go into the "Functions menu" and start a "Filter test". This will cycle the filter through all of its positions. You can start the test then leave the instrument to run. Let it run approx. 50 cycles and make sure it doesn't have any errors. If it has any errors please let me know and I can come look at it. Sorry for the phone tag as I was out.

Regards,
Rob

From: Whitehead, Charles
Sent: Monday, June 13, 2016 3:09 PM
To: Driscoll, Rob
Subject: Re: DMT

I was able to get it fixed, it kept giving an filter wheel error I tried the directions in the book but they didn't work. I had to manually spin the wheel until the pin seated correctly

Sent from my iPhone

On Jun 13, 2016, at 7:17 AM, Driscoll, Rob <Rob.Driscoll@vermont.gov> wrote:

Charles,

Sorry I missed your email, but I was out of the office after 2pm on Friday. If you are still having issues with your RPC please give me a call today.

Regards,

508 6 202

Rob

From: Whitehead, Charles
Sent: Friday, June 10, 2016 3:33:17 PM
To: Driscoll, Rob
Subject: DMT

Rob are you working today?

Corporal Charles Whitehead
Rutland City Police Department
108 Wales St Rutland City, VT 05701
Email: Charles.Whitehead@vermont.gov

6016 RD