

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100156
Location: FAIR HAVEN PD / RUTLAND VSP
Calibration Date: 02/22/2016
Certification Date: 02/22/2016
Installation Date: 02/23/2016
RPC Date: 02/24/2017
Supervisor Name: DALE H KERBER

Diagnostic Results

VERSIONS

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

TEMPERATURES

Sample Chamber = 48.9°C
Breath Tube = 46.2°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.64 V
Cooler Voltage = 1.68 V
Bias Voltage = 80 V
Chopper Freq = 550 Hz

PUMP INFO

Flow Rate = 5.955 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.1081	0.1120
MIN(V)	0.1055	0.1087

FILTER INFO

Filter	Value	Zero
Filter 1	0.110	true
Filter 2	0.387	true
Filter 3	1.086	true

CALIBRATION CHECK

Xq = 0.097 1.77%

Routine Performance Check Passed

Accuracy and Precision Check

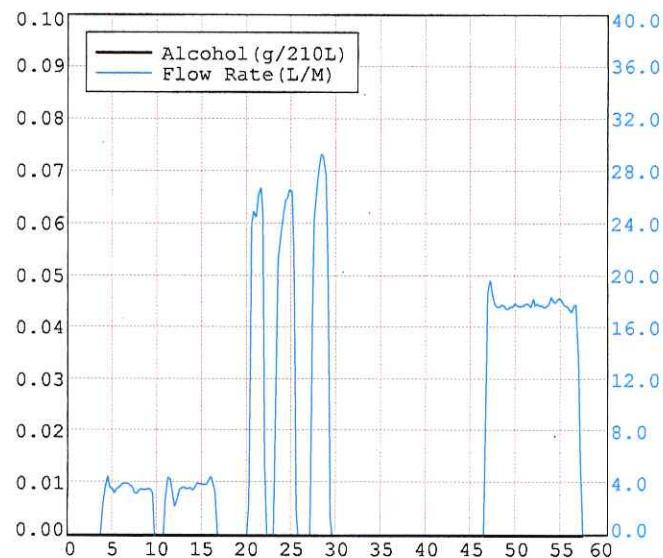
Concentration	= 0.098 g/210L
Lot #	= 16-21-100
Range	= 0.093 - 0.103
Average	= 0.099 g/210L
Std Dev	= 0.0004

RF Detection Test

Passed

Sample Acceptance Test

Passed



Performed by

Dale Kerber

Date

02/24/2017

Reviewed by

[Signature]

Date

2/22/17

DMT Serial Number #100156

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02/24/2017 1:36 PM

lot 3 RD

Re: February RPC Queston

Mon 2/27/2017 11:12 AM

Inbox

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

When I did the first test, I did the 3 intermittent blows softer than I wanted but it accepted them. I thought it was still asking me to do the soft blows yet. That's why I ran the second one to make sure it passed with the stronger blows

Sent from my iPhone

On Feb 27, 2017, at 8:15 AM, Driscoll, Rob <Rob.Driscoll@vermont.gov> wrote:

Dale,

In reviewing your RPC on our HOST computer, I see that you ran two RPC protocols. Can you give me a brief explanation so that I can file it with your passing RPC?

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

100156

2 of 3 RCD

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Diagnostic Results

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

TEMPERATURES

Sample Chamber = 49.0°C
Breath Tube = 45.2°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.64 V
Cooler Voltage = 1.69 V
Bias Voltage = 80 V
Chopper Freq = 550 Hz

PUMP INFO

Flow Rate = 5.994 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.0972	0.1002
MIN(V)	0.0925	0.0980

FILTER INFO

Filter	Value	Zero
Filter 1	0.098	true
Filter 2	0.376	true
Filter 3	1.070	true

CALIBRATION CHECK

Xq = 0.098 1.06%

Routine Performance Check Passed

Accuracy and Precision Check

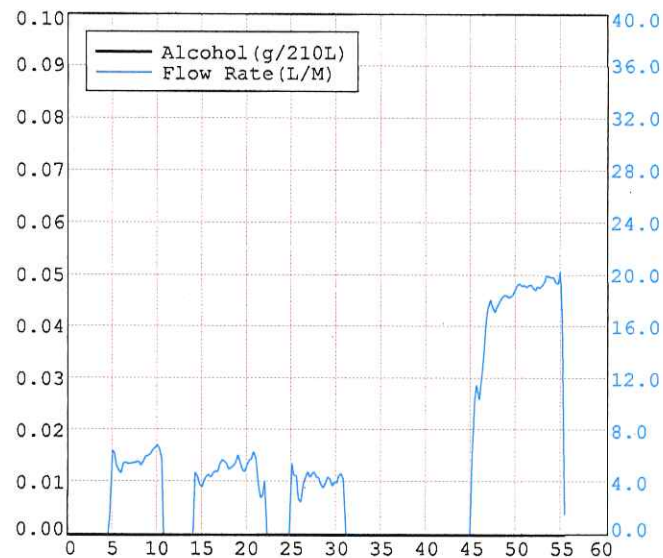
Concentration	= 0.098 g/210L
Lot #	= 16-21-100
Range	= 0.093 - 0.103
Average	= 0.100 g/210L
Std Dev	= 0.0000

RF Detection Test

Passed

Sample Acceptance Test

Passed



Performed by Dale Kerber

Date 02/24/2017

Reviewed by _____

Date _____