

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100165
Location: Manchester PD
Calibration Date: 09/27/2011
Certification Date: 09/27/2011
Installation Date: 10/11/2011
RPC Date: 06/19/2012
Supervisor Name: DANIEL B STEERE

Diagnostic Results

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

TEMPERATURES

Sample Chamber = 48.8°C
Breath Tube = 48.1°C
Digital Sim = 34.1°C

SETTINGS

Lamp Voltage = 1.84 V
Cooler Voltage = 1.80 V
Bias Voltage = 80 V
Chopper Freq = 548 Hz

PUMP INFO

Flow Rate = 5.298 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.2957	0.2970
MIN (V)	0.2933	0.2949

FILTER INFO

Filter	Value	Zero
Filter 1	0.295	true
Filter 2	0.548	true
Filter 3	0.814	true

CALIBRATION CHECK

Xq = 0.092 0.47%

Accuracy and Precision Check

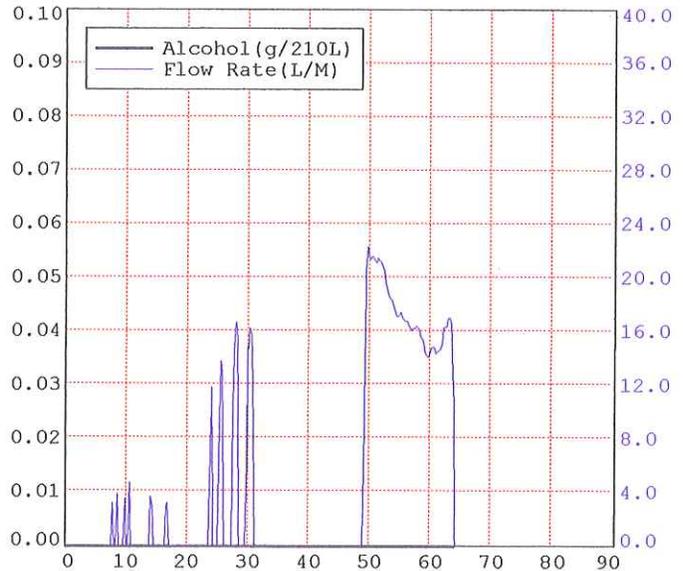
Concentration = 0.101 g/210L
Lot # = 12-64-100
Range = 0.096 - 0.106
Average = 0.102 g/210L
Std Dev = 0.0000

RF Detection Test

Passed

Sample Acceptance Test

Passed



Routine Performance Check Passed

Performed by Daniel Steere

Date 06/19/2012

Reviewed by [Signature]

Date 7/2/12

DMT Serial Number #100165

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06/19/2012 5:29 PM

[Signature]
7/2/2012

[Signature]

Bolduc, Amanda

From: Steere, Daniel
Sent: Friday, June 22, 2012 9:23 AM
To: Bolduc, Amanda
Subject: RE: RPC

Will Do, turns out it was operator error, Doing a very quick handheld check worked. Thank You for your help. They should go out Monday.

-Dan

Daniel Steere
Officer
Manchester Police Department
6041 Main Street
Manchester, VT 05255
Phone: (802)-362-2022
Fax: (802)-362-0202
daniel.steere@state.vt.us

From: Bolduc, Amanda
Sent: Thursday, June 21, 2012 1:01 PM
To: Steere, Daniel
Subject: RPC

I received your RPC, can you also send me copies of the failing attempts? Thanks

Amanda Bolduc, MFS
Alcohol Program Forensic Chemist
Vermont Forensic Laboratory
Department of Public Safety
103 South Main Street
Waterbury, VT 05676
(802) 241-5300 (ph)
(802) 585-0504 (cell)
(802) 241-5557 (fax)
Amanda.bolduc@state.vt.us

Please note new contact information as of 3/1/2012*

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VERSIONS
DMT: 1.01
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Questions: 2.1

TEMPERATURES

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

SETTINGS

Lamp Voltage = 1.84 V
Cooler Voltage = 1.80 V
Bias Voltage = 80 V
Chopper Freq = 546 Hz

PUMP INFO

Flow Rate = 5.338 L/M

DETECTOR INFO

PUMP ON OFF
MAX (V) -0.0161 -0.0136
MIN (V) -0.0175 -0.0152

FILTER INFO

Filter 1 -0.014 Zero = true
Filter 2 0.257 Zero = true
Filter 3 0.546 Zero = true

CALIBRATION CHECK

Xq = 0.093 0.28%

Accuracy and Precision Check

Concentration = 0.101 g/210L
Lot # = 12-64-100
Range = 0.096 - 0.106
Average = 0.103 g/210L
Std Dev = 0.0000

RF Detection Test

Failed

Routine Performance Check Failed

Performed by Daniel Steere Date 06/19/2012

Reviewed by _____ Date _____

ROUTINE PERFORMANCE CHECK REPORT



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Questions: 2.1

TEMPERATURES

Sample Chamber = 48.8°C
Breath Tube = 48.1°C
Digital Sim = 34.1°C

SETTINGS

Lamp Voltage = 1.84 V
Cooler Voltage = 1.80 V
Bias Voltage = 80 V
Chopper Freq = 547 Hz

PUMP INFO

Flow Rate = 5.275 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	-0.0246	-0.0224
MIN (V)	-0.0262	-0.0242

FILTER INFO

Filter 1	-0.024	Zero = true
Filter 2	0.249	Zero = true
Filter 3	0.530	Zero = true

CALIBRATION CHECK

Xq = 0.093 0.09%

Accuracy and Precision Check

Concentration	= 0.101 g/210L
Lot #	= 12-64-100
Range	= 0.096 - 0.106
Average	= 0.103 g/210L
Std Dev	= 0.0000

RF Detection Test

Passed

Routine Performance Check Failed

Performed by Daniel Steere Date 06/19/2012

Reviewed by _____ Date _____

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Questions: 2.1

TEMPERATURES

Sample Chamber = 48.7°C
Breath Tube = 48.1°C
Digital Sim = 34.1°C

SETTINGS

Lamp Voltage = 1.84 V
Cooler Voltage = 1.79 V
Bias Voltage = 80 V
Chopper Freq = 548 Hz

PUMP INFO

Flow Rate = 5.283 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	-0.0356	-0.0335
MIN (V)	-0.0372	-0.0348

FILTER INFO

Filter 1	-0.034	Zero = true
Filter 2	0.238	Zero = true
Filter 3	0.515	Zero = true

CALIBRATION CHECK

Xq = 0.093 0.09%

Accuracy and Precision Check

Concentration	= 0.101 g/210L
Lot #	= 12-64-100
Range	= 0.096 - 0.106
Average	= 0.103 g/210L
Std Dev	= 0.0000

RF Detection Test

Failed

Routine Performance Check Failed

Performed by _____ Date 06/19/2012

Reviewed by _____ Date _____

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Breath Tube = 48.1°C
Digital Sim = 34.1°C

SETTINGS

Lamp Voltage = 1.84 V
Cooler Voltage = 1.80 V
Bias Voltage = 80 V
Chopper Freq = 549 Hz

PUMP INFO

Flow Rate = 5.235 L/M

DETECTOR INFO

PUMP ON OFF
MAX(V) -0.0484 -0.0459
MIN(V) -0.0500 -0.0474

FILTER INFO

Filter 1 -0.046 Zero = true
Filter 2 0.226 Zero = true
Filter 3 0.496 Zero = true

CALIBRATION CHECK

Xq = 0.093 0.19%

Accuracy and Precision Check

Concentration = 0.101 g/210L
Lot # = 12-64-100
Range = 0.096 - 0.106
Average = 0.103 g/210L
Std Dev = 0.0000

RF Detection Test

Failed

Routine Performance Check Failed

Performed by

Daniel Steere

Date

06/19/2012

Reviewed by

Date

Per 6-26