

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100163
Location: Bennington County SO
Calibration Date: 07/29/2014
Certification Date: 07/31/2014
Installation Date: 08/18/2014
RPC Date: 03/07/2016
Supervisor Name: JOEL R HOWARD

Diagnostic Results

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

TEMPERATURES

Sample Chamber = 48.9°C
Breath Tube = 45.1°C
Digital Sim = 33.9°C

SETTINGS

Lamp Voltage = 1.73 V
Cooler Voltage = 1.68 V
Bias Voltage = 80 V
Chopper Freq = 527 Hz

PUMP INFO

Flow Rate = 5.096 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.0146	0.0161
MIN(V)	0.0114	0.0148

FILTER INFO

Filter 1	0.015	Zero = true
Filter 2	0.801	Zero = true
Filter 3	0.555	Zero = true

CALIBRATION CHECK

Xq = 0.087 2.72%

Routine Performance Check Passed

Accuracy and Precision Check

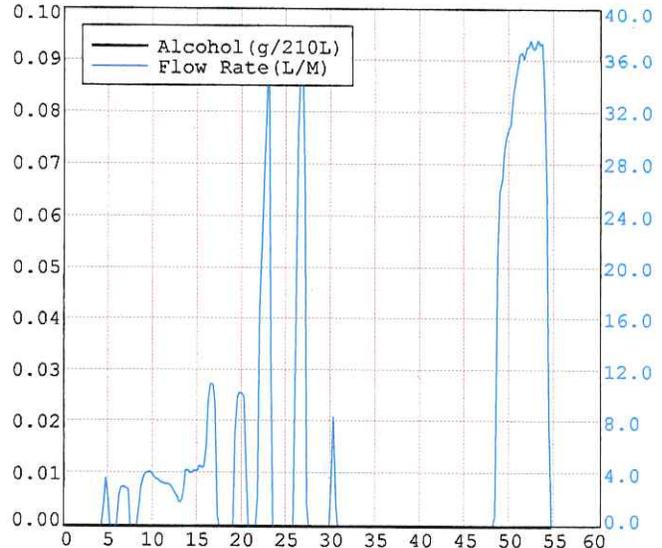
Concentration	= 0.097 g/210L
Lot #	= 15-23-100
Range	= 0.092 - 0.102
Average	= 0.099 g/210L
Std Dev	= 0.0000

RF Detection Test

Passed

Sample Acceptance Test

Passed



Performed by Joel

Date 03/07/2016

Reviewed by [Signature]

Date 3/2/16

DMT Serial Number #100163

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Driscoll, Rob

From: joel.howard@benningtonsheriff.org
Sent: Tuesday, March 08, 2016 1:27 PM
To: Driscoll, Rob
Subject: Re: RPC Failed Attempt

Rob
I didn't know I was supposed to send you the failed one it did pass I forgot whether I needed to CRF or not my bad

just don't dream of success... Wake up and bust your ass to achieve it !!!!

You are given 86,400 seconds in a day take 1 to say thank you.
Thank you and be safe

Sergeant Joel R Howard
Bennington County sheriff's Office
[802-447-2384](tel:802-447-2384) office
[802-681-5836](tel:802-681-5836) cell
[802-240-0155](tel:802-240-0155) pager

On Mar 8, 2016, at 1:19 PM, Driscoll, Rob <Rob.Driscoll@vermont.gov> wrote:

Joel,

I noticed you had a failed RPC attempt during the RF detection test. Do you know why this RPC failed? In the future, please send me a note whenever you have any failed attempts.

Thanks,
Rob

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

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Diagnostic Results

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

TEMPERATURES

Sample Chamber = 49.0°C
Breath Tube = 48.0°C
Digital Sim = 33.9°C

SETTINGS

Lamp Voltage = 1.73 V
Cooler Voltage = 1.67 V
Bias Voltage = 80 V
Chopper Freq = 527 Hz

PUMP INFO

Flow Rate = 5.106 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.0045	0.0069
MIN(V)	0.0028	0.0055

FILTER INFO

Filter 1	0.005	Zero = true
Filter 2	0.793	Zero = true
Filter 3	0.542	Zero = true

CALIBRATION CHECK

Xq = 0.087 2.24%

Routine Performance Check Failed

Accuracy and Precision Check

Concentration	= 0.097 g/210L
Lot #	= 15-23-100
Range	= 0.092 - 0.102
Average	= 0.099 g/210L
Std Dev	= 0.0004

RF Detection Test

Failed

Performed by _____

Date 03/07/2016

Reviewed by _____

Date _____