

# ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100135  
Location: Franklin County SO St Albans  
Calibration Date: 10/16/2014  
Certification Date: 10/16/2014  
Installation Date: 10/16/2014  
RPC Date: 02/11/2016  
Supervisor Name: JAY H SWEENEY

## Diagnostic Results

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

### TEMPERATURES

Sample Chamber = 49.1°C  
Breath Tube = 46.5°C  
Digital Sim = 33.9°C

### SETTINGS

Lamp Voltage = 1.78 V  
Cooler Voltage = 1.73 V  
Bias Voltage = 80 V  
Chopper Freq = 513 Hz

### PUMP INFO

Flow Rate = 5.145 L/M

### DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.0175	0.0207
MIN(V)	0.0167	0.0195

### FILTER INFO

Filter	Value	Zero
Filter 1	0.020	true
Filter 2	0.250	true
Filter 3	0.707	true

### CALIBRATION CHECK

Xq = 0.103 0.85%

**Routine Performance Check Passed**

## Accuracy and Precision Check

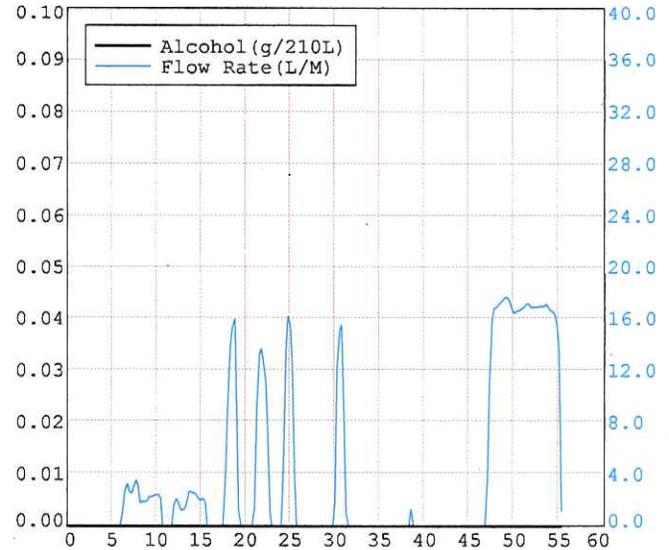
Concentration = 0.099 g/210L  
Lot # = 15-12-100  
Range = 0.094 - 0.104  
Average = 0.101 g/210L  
Std Dev = 0.0004

## RF Detection Test

Passed

## Sample Acceptance Test

Passed



Performed by

*Jay H Sweeney*

Date

02/11/2016

Reviewed by

*[Signature]*

Date

2/12/16

*[Signature]*  
2/17/16

DMT Serial Number #100135

Page 1 of 1

02/11/2016 4:32 PM

Page 1 of 3 R00

# ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100135  
Location: Franklin County SO St Albans  
Calibration Date: 10/16/2014  
Certification Date: 10/16/2014  
Installation Date: 10/16/2014  
RPC Date: 02/11/2016  
Supervisor Name: JAY H SWEENEY

## Diagnostic Results

### VERSIONS

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

### TEMPERATURES

Sample Chamber = 48.7°C  
Breath Tube = 48.1°C  
Digital Sim = 34.0°C

### SETTINGS

Lamp Voltage = 1.78 V  
Cooler Voltage = 1.73 V  
Bias Voltage = 80 V  
Chopper Freq = 514 Hz

### PUMP INFO

Flow Rate = 5.146 L/M

### DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.0061	0.0093
MIN (V)	0.0049	0.0083

### FILTER INFO

Filter 1	0.009	Zero = true
Filter 2	0.237	Zero = true
Filter 3	0.689	Zero = true

### CALIBRATION CHECK

Xq = 0.103 0.17%

**Routine Performance Check Failed**

## Accuracy and Precision Check

Concentration	= 0.099 g/210L
Lot #	= 15-12-100
Range	= 0.094 - 0.104
Average	= 0.101 g/210L
Std Dev	= 0.0004

## RF Detection Test

Passed

## Sample Acceptance Test

Failed

---

Performed by

Jay H Sweeney

Date

02/11/2016

Reviewed by

\_\_\_\_\_

Date

\_\_\_\_\_

## Driscoll, Rob

---

**From:** Sweeny, Jay  
**Sent:** Friday, February 12, 2016 9:49 AM  
**To:** Driscoll, Rob  
**Subject:** Re: St. Albans DMT RPC Failed Attempt

I am not sure why it failed. I went through the process and at the end after I did an alcohol free sample it didn't give me the option to check yes or no if the unit passed all tests. I looked at the record and it showed failed so I ran through the tests again and everything was fine. Not sure what caused it to do that.

\*Please note my new email address:

[Jay.Sweeny@vermont.gov](mailto:Jay.Sweeny@vermont.gov)

Capt Jay H Sweeny  
Chief Deputy  
Franklin County Sheriffs Office  
P.O.Box 367  
St. Albans, VT 05478  
802 524-2121

---

**From:** Driscoll, Rob <[Rob.Driscoll@vermont.gov](mailto:Rob.Driscoll@vermont.gov)>  
**Sent:** Friday, February 12, 2016 8:55 AM  
**To:** Sweeny, Jay  
**Subject:** St. Albans DMT RPC Failed Attempt

Jay,

Can you please explain why your first RPC attempt failed? We keep records of every RPC attempt along with the explanation as to why they may have failed.

Thanks,  
Rob

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