

# ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 103709  
Location: St. Johnsbury VSP  
Calibration Date: 03/31/2015  
Certification Date: 03/31/2015  
Installation Date: 04/01/2015  
RPC Date: 02/10/2016  
Supervisor Name: JASON M HALEY

## Diagnostic Results

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

### TEMPERATURES

Sample Chamber = 48.7°C  
Breath Tube = 42.2°C  
Digital Sim = 34.0°C

### SETTINGS

Lamp Voltage = 1.81 V  
Cooler Voltage = 1.81 V  
Bias Voltage = 80 V  
Chopper Freq = 543 Hz

### PUMP INFO

Flow Rate = 5.215 L/M

### DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.0358	0.0380
MIN (V)	0.0339	0.0364

### FILTER INFO

Filter	Value	Zero
Filter 1	0.037	true
Filter 2	0.152	true
Filter 3	0.421	true

### CALIBRATION CHECK

Xq = 0.076 0.23%

**Routine Performance Check Passed**

## Accuracy and Precision Check

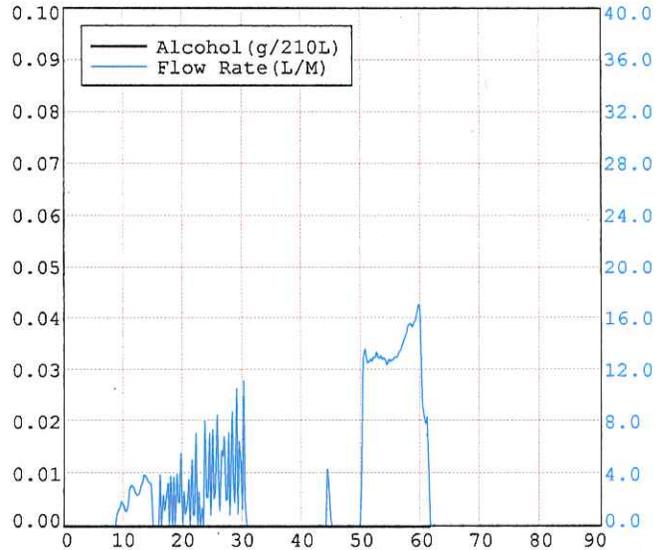
Concentration = 0.099 g/210L  
Lot # = 15-24-100  
Range = 0.094 - 0.104  
Average = 0.100 g/210L  
Std Dev = 0.0000

## RF Detection Test

Passed

## Sample Acceptance Test

Passed



Performed by [Signature]

Date 02/10/2016

Reviewed by [Signature]

Date 2/11/16

DMT Serial Number #103709

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Certification Date: 03/31/2015  
Installation Date: 04/01/2015  
RPC Date: 02/10/2016  
Supervisor Name: JASON M HALEY

## Diagnostic Results

### VERSIONS

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

### TEMPERATURES

Sample Chamber = 49.1°C  
Breath Tube = 42.3°C  
Digital Sim = 34.0°C

### SETTINGS

Lamp Voltage = 1.81 V  
Cooler Voltage = 1.81 V  
Bias Voltage = 80 V  
Chopper Freq = 543 Hz

### PUMP INFO

Flow Rate = 5.178 L/M

### DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.0309	0.0329
MIN(V)	0.0295	0.0315

### FILTER INFO

Filter 1	0.032	Zero = true
Filter 2	0.148	Zero = true
Filter 3	0.413	Zero = true

### CALIBRATION CHECK

Xq = 0.077 1.02%

**Routine Performance Check Failed**

## Accuracy and Precision Check

Concentration	= 0.099 g/210L
Lot #	= 15-24-100
Range	= 0.094 - 0.104
Average	= 0.100 g/210L
Std Dev	= 0.0000

## RF Detection Test

Failed

Performed by

Date

02/10/2016

Reviewed by

\_\_\_\_\_

Date

\_\_\_\_\_

## Driscoll, Rob

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**From:** Haley, Jason  
**Sent:** Saturday, February 13, 2016 8:24 AM  
**To:** Driscoll, Rob  
**Subject:** RE: February RPC Failed Attempt?

Rob,  
I did not properly perform the RF test and had hit cancel.

Sorry

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**From:** Driscoll, Rob  
**Sent:** Thursday, February 11, 2016 7:45 AM  
**To:** Haley, Jason <[Jason.Haley@vermont.gov](mailto:Jason.Haley@vermont.gov)>  
**Subject:** February RPC Failed Attempt?

Jason,

In reviewing your February RPC, I noticed that your first attempt failed the RF Detection test. Can you please give an explanation as to why you think the first attempt failed?

Thanks,  
Rob

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