

# ROUTINE PERFORMANCE CHECK REPORT

DataMaster DMT: 100158  
Location: Northfield PD  
Calibration Date: 11/16/2011  
Certification Date: 11/17/2011  
Installation Date: 12/08/2011  
RPC Date: 02/11/2012  
Supervisor Name: CHRISTOPHER M QUESNEL



RECEIVED

FEB 27 2012

Vermont Department of  
Health Laboratory

## Diagnostic Results

VERSIONS  
DMT: 1.01  
PIC: 2.05  
Modem: 2.2  
Questions: 2.0

### TEMPERATURES

Sample Chamber = 49.1°C  
Breath Tube = 43.2°C  
Digital Sim = 34.0°C

### SETTINGS

Lamp Voltage = 1.76 V  
Cooler Voltage = 1.71 V  
Bias Voltage = 80 V  
Chopper Freq = 546 Hz

### PUMP INFO

Flow Rate = 4.859 L/M

### DETECTOR INFO

PUMP ON OFF  
MAX(V) -0.1236 -0.1195  
MIN(V) -0.1254 -0.1213

### FILTER INFO

Filter 1 -0.120 Zero = true  
Filter 2 0.187 Zero = true  
Filter 3 1.226 Zero = true

### CALIBRATION CHECK

Xq = 0.090 0.10%

Routine Performance Check Passed

## Accuracy and Precision Check

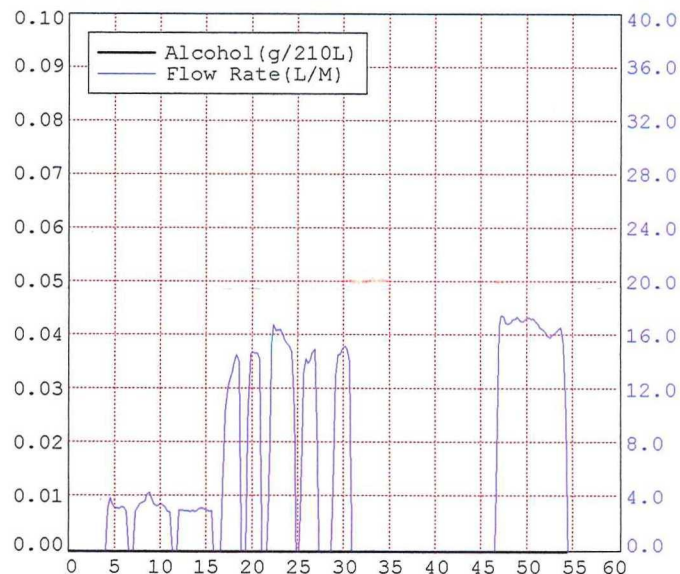
Concentration = 0.101 g/210L  
Lot # = 12-38-100  
Range = 0.096 - 0.106  
Average = 0.100 g/210L  
Std Dev = 0.0000

## RF Detection Test

Passed

## Sample Acceptance Test

Passed



Performed by

Ch. Quesnel

Date

02/11/2012

Reviewed by

Steven Harnois

Date

02/28/12