

# ANNUAL PREVENTATIVE MAINTENANCE



DataMaster DMT: 100144  
Location: SPRINGFIELD PD  
Calibration Date: 04/14/2017  
Certification Date: 04/14/2017  
Installation Date: 04/18/2017  
APM Date: 02/10/2021  
Performed by: SARAH STRATTON

## Diagnostic Results

### VERSIONS

DMT: 2.06  
PIC: 2.08  
Modem: 2.6  
Questions: 2.1

### TEMPERATURES

Sample Chamber = 49.8°C  
Breath Tube = 44.7°C  
Digital Sim = 34.0°C

### SETTINGS

Lamp Voltage = 1.66 V  
Cooler Voltage = 1.66 V  
Bias Voltage = 80 V  
Chopper Freq = 535 Hz

### PUMP INFO

Flow Rate = 5.771 L/M

### DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.4035	0.4063
MIN(V)	0.4018	0.4049

### FILTER INFO

Filter	Value	Zero
Filter 1	0.405	true
Filter 2	0.983	true
Filter 3	1.812	true

### CALIBRATION CHECK

Xq = 0.081 0.53%

**APM PASSED**

## Simulator Vapor Test

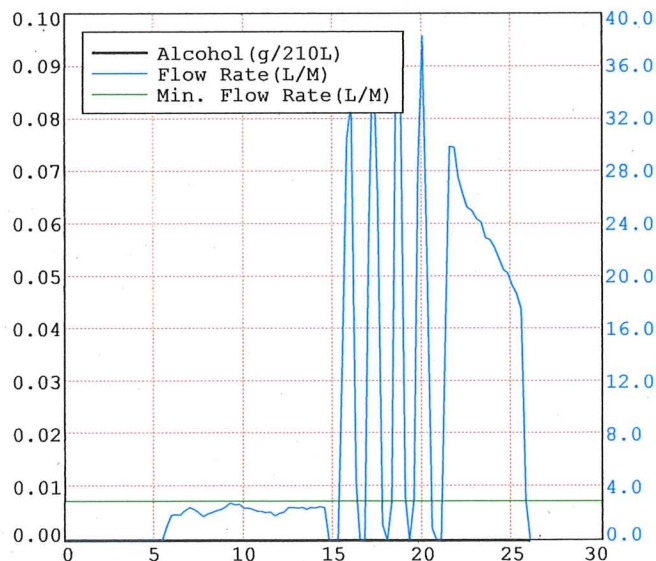
Concentration = 0.100 g/210L  
Lot # = 20-11-100  
Range = 0.095 - 0.105  
Simulator Vapor = 0.099 g/210L

## RF Detection Test

Passed  
RF detected

## Sample Acceptance Test

Passed



Performed by

*SJS* *8/28*

Date

02/10/2021

Reviewed by

*JS*

Date

2/2/21

DMT Serial Number #100144

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100144

*SJS*

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## VERMONT FORENSIC LABORATORY

## Simulator Temperature Check

Simulator Serial Number:

MP3511

DMT Serial Number / Simulator Location:

100144 / Springfield PD

NIST Traceable Thermometer Serial Number:

192420790

## As Found

Item	Thermometer Temperature	Simulator Temperature	Difference	Within Tolerance?*
Guth 12V500 Simulator	34.10°C	34.00°C	0.10	Y

\*  $\pm 0.10^{\circ}\text{C}$  agreement between thermometer and simulator\*  $34.0 \pm 0.2^{\circ}\text{C}$  acceptable range

Was temperature adjustment performed?

Y / N

## As Left (if applicable)

Item	Thermometer Temperature	Simulator Temperature	Difference	Within Tolerance?*
Guth 12V500 Simulator	33.99°C	34.00°C	0.01	Y

Notes:

Check Performed By:

SJSDate: 2/10/2021

Reviewed by:

DSDate: 2/12/21