ANNUAL PREVENTATIVE MAINTENANCE

DataMaster DMT: 100160
Location: ST. ALBANS PD
Calibration Date: 10/12/2022
Certification Date: 10/12/2022
Installation Date: 10/28/2022
APM Date: 01/19/2023
Performed by: JEFFERY DUKETTE

Diagnostic Results

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

TEMPERATURES

Sample Chamber = 48.6°C
Breath Tube    = 48.1°C
Digital Sim    = 34.0°C

SETTINGS
Lamp Voltage   = 1.67 V
Cooler Voltage = 1.66 V
Bias Voltage   = 80 V
Chopper Freq   = 543 Hz

PUMP INFO
Flow Rate = 5.088 L/M

DETECTOR INFO
PUMP     ON         OFF
MAX(V)   -0.1236    -0.1179
MIN(V)   -0.1252    -0.1193

FILTER INFO
Filter 1  -0.117  Zero = true
Filter 2   0.196  Zero = true
Filter 3   1.397  Zero = true

CALIBRATION CHECK
Xq  = 0.085  0.91%
```

Simulator Vapor Test

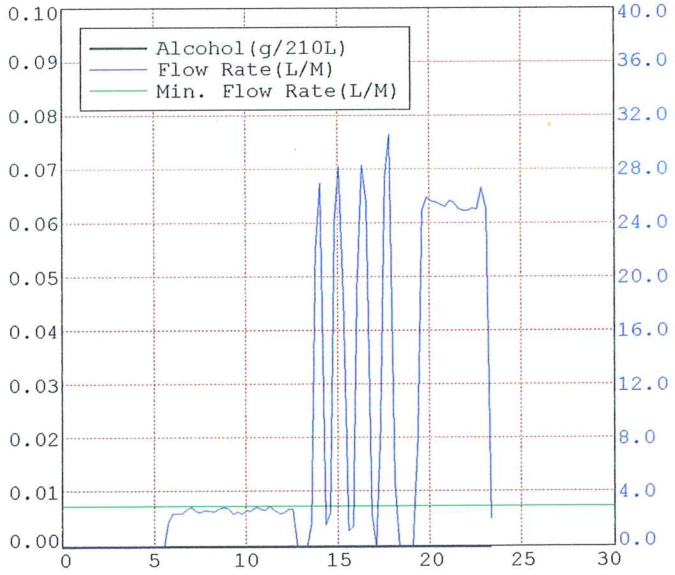
Concentration = 0.098 g/210L
Lot # = 22-14-100
Range = 0.093 - 0.103
Simulator Vapor = 0.097 g/210L

RF Detection Test

Passed
RF detected

Sample Acceptance Test

Passed



APM PASSED

Performed by JSD Date 01/19/2023

Reviewed by Date 2/9/23

VERMONT FORENSIC LABORATORY

Simulator Temperature Check

Simulator Serial Number: MP3505

DMT Serial Number / Simulator Location: 100160 / St Albans PD

NIST Traceable Thermometer Serial Number: 21FMM02249

As Found

Item	Thermometer Temperature	Simulator Temperature	Difference	Within Tolerance?*
Guth 12V500 Simulator	33.84	34.01	0.17	N

* ± 0.10°C agreement between thermometer and simulator
* 34.0 ± 0.2°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	34.00	0.01	Y

Notes:

Check Performed By: [signature] **Date:** 1/19/23

Reviewed by: AS **Date:** 2/9/23