

ANNUAL PREVENTATIVE MAINTENANCE

DataMaster DMT: 100156
Location: FAIR HAVEN PD
Calibration Date: 03/10/2017
Certification Date: 03/10/2017
Installation Date: 03/13/2017
APM Date: 06/08/2020
Performed by: JEFFERY DUKETTE



Diagnostic Results

VERSIONS
DMT: 2.05
PIC: 2.08
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 49.1°C
Breath Tube = 46.6°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.64 V
Cooler Voltage = 1.71 V
Bias Voltage = 80 V
Chopper Freq = 539 Hz

PUMP INFO

Flow Rate = 5.523 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.3445	0.3474
MIN (V)	0.3423	0.3451

FILTER INFO

Filter	Value	Zero
Filter 1	0.346	true
Filter 2	0.613	true
Filter 3	1.264	true

CALIBRATION CHECK

Xq = 0.097 0.80%

APM PASSED

Simulator Vapor Test

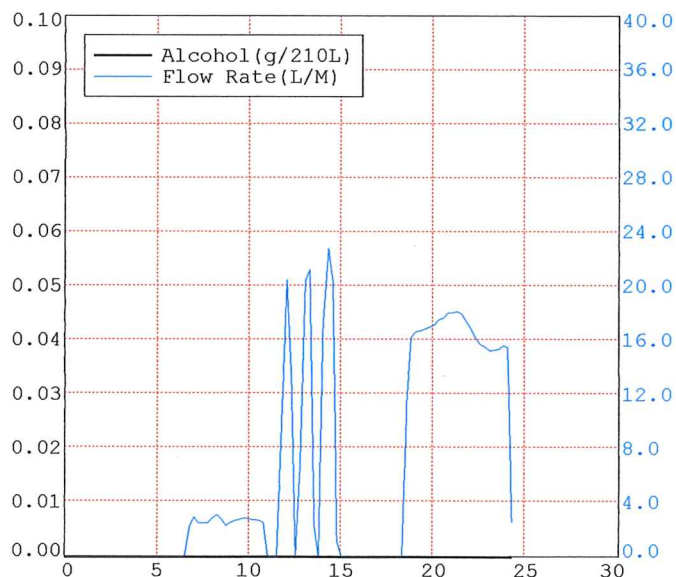
Concentration = 0.101 g/210L
Lot # = 19-16-100
Range = 0.096 - 0.106
Simulator Vapor = 0.099 g/210L

RF Detection Test

Passed

Sample Acceptance Test

Passed



Performed by

Date

06/08/2020

Reviewed by

Date

6/12/2020

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VERMONT FORENSIC LABORATORY

Simulator Temperature Check

Simulator Serial Number:

MP3474

DMT Serial Number / Simulator Location:

100156 / Fair Haven PD

NIST Traceable Thermometer Serial Number:

192420790

As Found

Item	Thermometer Temperature	Simulator Temperature	Difference	Within Tolerance?*
Guth 12V500 Simulator	34.05	34.01	0.04	Y

* 34.0 +/- 0.2 degree Celsius acceptable range

Was temperature adjustment performed?



Y / (N)

As Left (if applicable)

Item	Thermometer Temperature	Simulator Temperature	Difference	Within Tolerance?*
Guth 12V500 Simulator				

Notes:

Check Performed By:

Date:

6/8/2020

Reviewed by:

Date:

6/12/2020