

ANNUAL PREVENTATIVE MAINTENANCE

DataMaster DMT: 100156
Location: FAIR HAVEN PD
Calibration Date: 06/09/2021
Certification Date: 06/09/2021
Installation Date: 06/11/2021
APM Date: 06/11/2021
Performed by: SARAH STRATTON



Diagnostic Results

VERSIONS

DMT: 2.06
PIC: 3.07
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.8°C
Breath Tube = 45.0°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.63 V
Cooler Voltage = 1.66 V
Bias Voltage = 80 V
Chopper Freq = 523 Hz

PUMP INFO

Flow Rate = 5.528 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	-0.0014	0.0022
MIN(V)	-0.0037	0.0006

FILTER INFO

Filter	Value	Zero
Filter 1	0.001	true
Filter 2	0.293	true
Filter 3	0.965	true

CALIBRATION CHECK

Xq = 0.107 0.16%

APM PASSED

Simulator Vapor Test

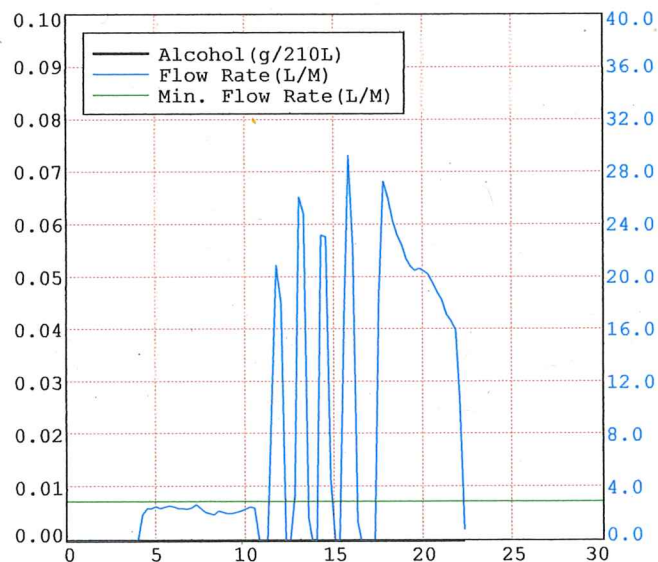
Concentration = 0.101 g/210L
Lot # = 20-10-100
Range = 0.096 - 0.106
Simulator Vapor = 0.100 g/210L

RF Detection Test

Passed
RF detected

Sample Acceptance Test

Passed



Performed by

SJS SJS

Date

06/11/2021

Reviewed by

AS

Date

6/16/21

DMT Serial Number #100156

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SJS

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Simulator Temperature Check

Simulator Serial Number:

MP3474

DMT Serial Number / Simulator Location:

100156 / Fair Haven PD

NIST Traceable Thermometer Serial Number:

210029857

As Found

Item	Thermometer Temperature	Simulator Temperature	Difference	Within Tolerance?*
Guth 12V500 Simulator	33.98°C	34.00°C	0.02	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				

Notes:

Check Performed By:

[Signature]

Date:

6/11/2021

Reviewed by:

[Signature]

Date:

6/16/21