

ANNUAL PREVENTATIVE MAINTENANCE

DataMaster DMT: 100146
Location: MIDDLESEX VSP
Calibration Date: 03/27/2017
Certification Date: 03/27/2017
Installation Date: 03/28/2017
APM Date: 07/30/2019
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 = 46.7°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.72 V
Cooler Voltage = 1.69 V
Bias Voltage = 80 V
Chopper Freq = 550 Hz

PUMP INFO

Flow Rate = 4.958 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.4902	0.4929
MIN(V)	0.4886	0.4915

FILTER INFO

Filter	Value	Zero
Filter 1	0.492	true
Filter 2	0.708	true
Filter 3	0.951	true

CALIBRATION CHECK

Xq = 0.080 1.09%

APM PASSED

Simulator Vapor Test

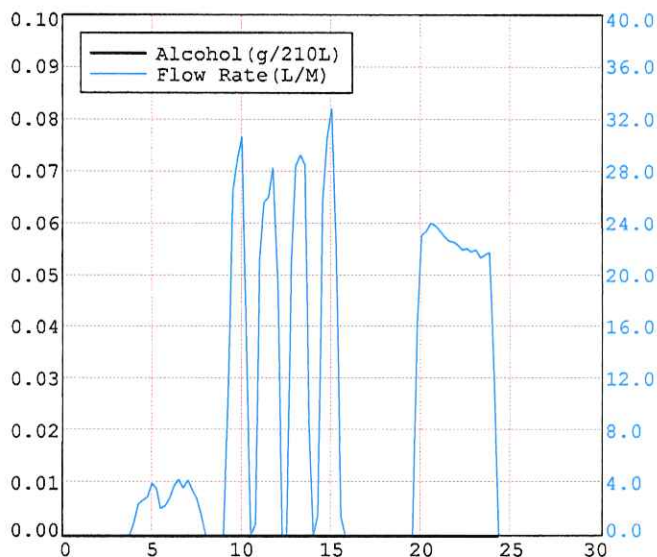
Concentration = 0.101 g/210L
Lot # = 18-16-100
Range = 0.096 - 0.106
Simulator Vapor = 0.098 g/210L

RF Detection Test

Passed

Sample Acceptance Test

Passed



Performed by

Date

07/30/2019

Reviewed by

Date

8/1/19

Simulator Temperature Check

Simulator Serial Number:

MP3480

DMT Serial Number / Simulator Location:

100146 / USP Middlesex

NIST Traceable Thermometer Serial Number:

160294076

As Found

Item	Thermometer Temperature	Simulator Temperature	Difference	Within Tolerance?*
Guth 12V500 Simulator	34.12	34.01	0.11	N

* 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	34.00	34.00	0.00	Y

Notes:

Check Performed By:



Date:

7/30/19

Reviewed by:



Date:

8/1/19