

ANNUAL PREVENTATIVE MAINTENANCE

DataMaster DMT: 100145
Location: BRIGHTON PD
Calibration Date: 04/27/2017
Certification Date: 04/27/2017
Installation Date: 04/28/2017
APM Date: 04/11/2018
Performed by: ROBERT DRISCOLL



Diagnostic Results

VERSIONS

DMT: 2.03
PIC: 2.08
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 49.0°C
Breath Tube = 46.7°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.63 V
Cooler Voltage = 1.60 V
Bias Voltage = 80 V
Chopper Freq = 540 Hz

PUMP INFO

Flow Rate = 5.635 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.1528	0.1585
MIN (V)	0.1512	0.1569

FILTER INFO

Filter	Value	Zero
Filter 1	0.158	true
Filter 2	0.728	true
Filter 3	1.577	true

CALIBRATION CHECK

Xq = 0.124 0.21%

APM PASSED

Simulator Vapor Test

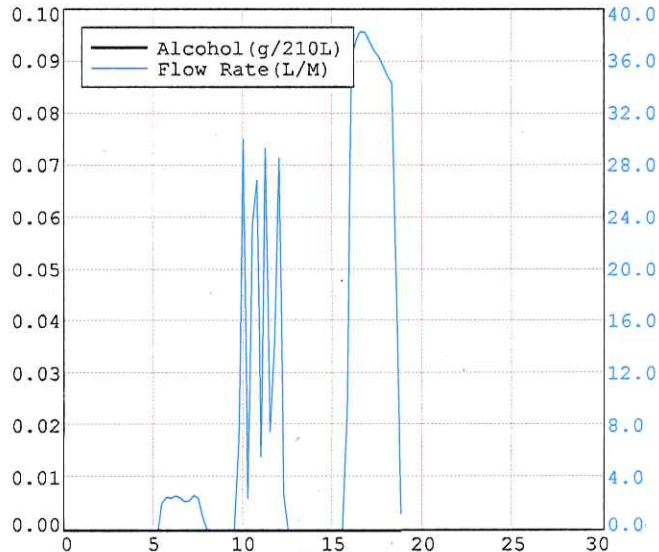
Concentration = 0.100 g/210L
Lot # = 17-21-100
Range = 0.095 - 0.105
Simulator Vapor = 0.099 g/210L

RF Detection Test

Passed

Sample Acceptance Test

Passed



Performed by

RD

Date

04/11/2018

Reviewed by

RD

Date

4/13/18

Simulator Temperature Check

Simulator Serial Number:

MP3492

DMT Serial Number / Simulator Location:

100145 / Brighton PD

NIST Traceable Thermometer Serial Number:

160294076

As Found

Item	Thermometer Temperature	Simulator Temperature	Difference	Within Tolerance?*
Guth 12V500 Simulator	33.96	34.00	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:

4/11/18

Reviewed by:



Date:

4/13/18