

ANNUAL PREVENTATIVE MAINTENANCE

DataMaster DMT: 100151
Location: NEWPORT PD
Calibration Date: 04/25/2017
Certification Date: 04/25/2017
Installation Date: 04/26/2017
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 = 49.2°C
Breath Tube = 42.6°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.73 V
Cooler Voltage = 1.71 V
Bias Voltage = 80 V
Chopper Freq = 541 Hz

PUMP INFO

Flow Rate = 5.054 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.2850	0.2890
MIN (V)	0.2835	0.2876

FILTER INFO

Filter	Value	Zero
Filter 1	0.288	true
Filter 2	0.608	true
Filter 3	1.319	true

CALIBRATION CHECK

Xq = 0.087 0.30%

APM PASSED

Simulator Vapor Test

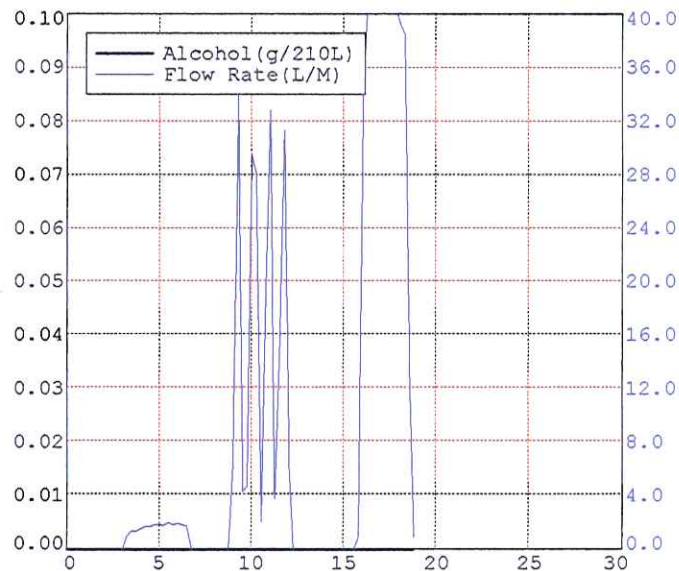
Concentration = 0.101 g/210L
Lot # = 17-19-100
Range = 0.096 - 0.106
Simulator Vapor = 0.098 g/210L

RF Detection Test

Passed

Sample Acceptance Test

Passed



Performed by

76 RUS

Date

04/11/2018

Reviewed by

AS

Date

4/13/18

DMT Serial Number #100151

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Simulator Temperature Check

Simulator Serial Number:

MP3497

DMT Serial Number / Simulator Location:

100151 / Newport PD

NIST Traceable Thermometer Serial Number:

160294076

As Found

Item	Thermometer Temperature	Simulator Temperature	Difference	Within Tolerance?*
Guth 12V500 Simulator	34.00	33.99	0.01	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