

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: 03/25/2020
Performed by: SARAH STRATTON



Diagnostic Results

VERSIONS

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

TEMPERATURES

Sample Chamber = 49.1°C
Breath Tube = 47.4°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.63 V
Cooler Voltage = 1.60 V
Bias Voltage = 80 V
Chopper Freq = 535 Hz

PUMP INFO

Flow Rate = 5.709 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.3063	0.3118
MIN (V)	0.3045	0.3100

FILTER INFO

Filter	Value	Zero
Filter 1	0.311	true
Filter 2	0.862	true
Filter 3	1.683	true

CALIBRATION CHECK

Xq = 0.125 0.07%

APM PASSED

Simulator Vapor Test

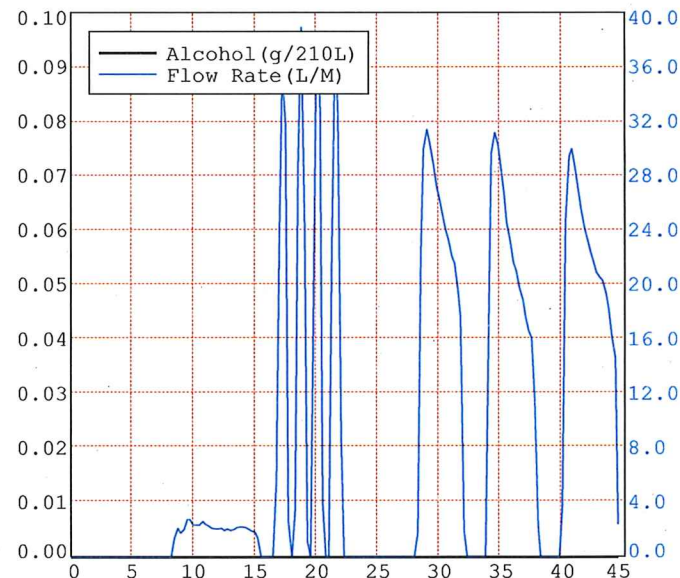
Concentration = 0.100 g/210L
Lot # = 19-13-100
Range = 0.095 - 0.105
Simulator Vapor = 0.099 g/210L

RF Detection Test

Passed

Sample Acceptance Test

Passed



Performed by

SJS SJS

Date

03/25/2020

Reviewed by

[Signature]

Date

7/8/2020

DMT Serial Number #100145

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SJS

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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	33.97°C	34.00°C	0.03	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:

SJS

Date:

3/25/2020

Reviewed by:



Date:

7/8/2020