

ANNUAL PREVENTATIVE MAINTENANCE



DataMaster DMT: 100157
 Location: COLCHESTER PD
 Calibration Date: 04/11/2017
 Certification Date: 04/11/2017
 Installation Date: 04/11/2017
 APM Date: 01/27/2022
 Performed by: JEFFERY DUKETTE

Diagnostic Results

VERSIONS
 DMT: 2.06
 PIC: 2.08
 Modem: 2.6
 Questions: 2.1

TEMPERATURES

Sample Chamber = 49.1°C
 Breath Tube = 46.6°C
 Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.66 V
 Cooler Voltage = 1.67 V
 Bias Voltage = 80 V
 Chopper Freq = 540 Hz

PUMP INFO

Flow Rate = 4.112 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.3661	0.3695
MIN (V)	0.3644	0.3677

FILTER INFO

Filter	Value	Zero
Filter 1	0.369	true
Filter 2	0.641	true
Filter 3	1.670	true

CALIBRATION CHECK

Xq = 0.095 2.06%

APM PASSED

Simulator Vapor Test

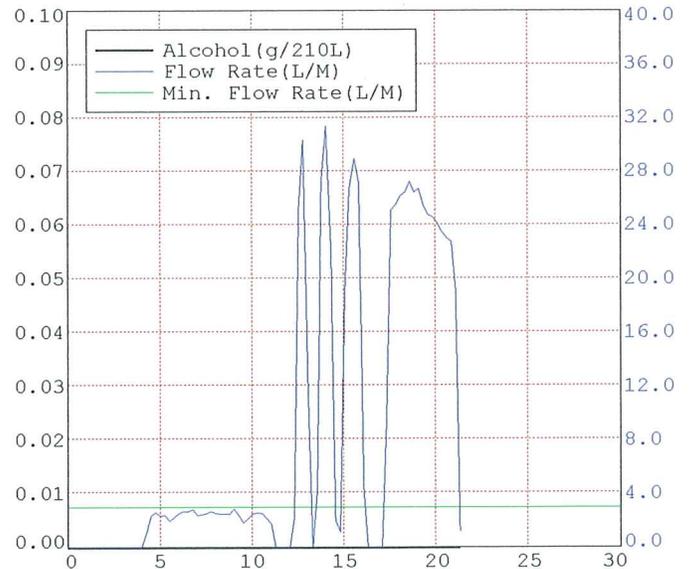
Concentration = 0.100 g/210L
 Lot # = 20-15-100
 Range = 0.095 - 0.105
 Simulator Vapor = 0.097 g/210L

RF Detection Test

Passed
 RF detected

Sample Acceptance Test

Passed



Performed by [Signature]

Date 01/27/2022

Reviewed by [Signature]

Date 1/28/22

100157

[Signature]

page 1 of 2

Simulator Temperature Check

Simulator Serial Number: MP3508
 DMT Serial Number / Simulator Location: 100157/Colchester PD
 NIST Traceable Thermometer Serial Number: 192420790

As Found

Item	Thermometer Temperature	Simulator Temperature	Difference	Within Tolerance?*
Guth 12V500 Simulator	34.15	34.00	0.15	N

* $\pm 0.10^{\circ}\text{C}$ 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	34.00	34.02	0.02	Y

JSD 1/28/22

Notes:

Check Performed By: [Signature]
 Reviewed by: [Signature]

Date: 1/27/22
 Date: 1/28/22