

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: 01/18/2024
Performed by: SARAH STRATTON

Diagnostic Results

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

TEMPERATURES

Sample Chamber = 48.8°C
 Breath Tube = 45.2°C
 Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.66 V
 Cooler Voltage = 1.67 V
 Bias Voltage = 80 V
 Chopper Freq = 541 Hz

PUMP INFO

Flow Rate = 3.917 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.5108	0.5138
MIN(V)	0.5085	0.5122

FILTER INFO

Filter 1	0.512	Zero = true
Filter 2	0.777	Zero = true
Filter 3	1.773	Zero = true

CALIBRATION CHECK

Xq = 0.096 2.62%

APM PASSED

Simulator Vapor Test

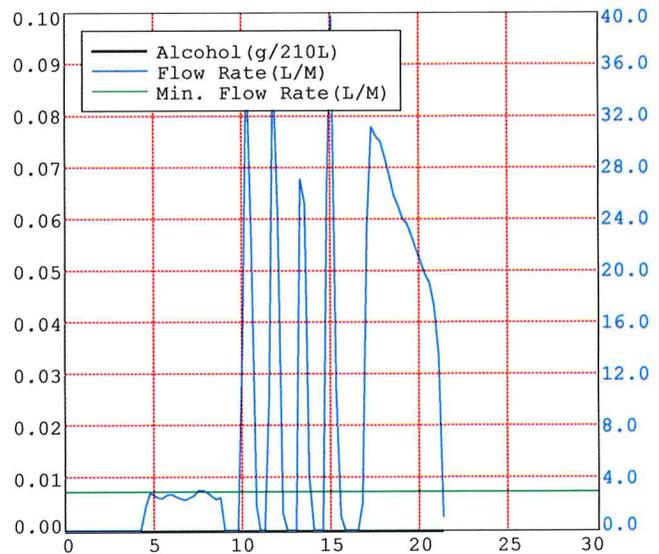
Concentration = 0.100 g/210L
 Lot # = 23-06-100
 Range = 0.095 - 0.105
 Simulator Vapor = 0.099 g/210L

RF Detection Test

Passed
 RF detected

Sample Acceptance Test

Passed



Performed by

SOS

Date

01/18/2024

Reviewed by

AS

Date

1/23/24

Simulator Temperature Check

Simulator Serial Number: MP3508

DMT Serial Number / Simulator Location: 100157/Colchester PD

NIST Traceable Thermometer Serial Number: 21FMM02249

As Found

Item	Thermometer Temperature	Simulator Temperature	Difference	Within Tolerance?*
Guth 12V500 Simulator	34.01	34.01	0.00	Y

* ± 0.10°C agreement between thermometer and simulator

* 34.0 ± 0.2°C 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: 1/18/2024

Reviewed by: [Signature]

Date: 1/23/24