

ANNUAL PREVENTATIVE MAINTENANCE



DataMaster DMT: 100140
Location: BRADFORD VSP
Calibration Date: 04/12/2017
Certification Date: 04/12/2017
Installation Date: 04/13/2017
APM Date: 07/02/2021
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 = 45.7°C
 Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.59 V
 Cooler Voltage = 1.55 V
 Bias Voltage = 80 V
 Chopper Freq = 529 Hz

PUMP INFO

Flow Rate = 5.581 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.4291	0.4321
MIN (V)	0.4274	0.4307

FILTER INFO

Filter 1	0.432	Zero = true
Filter 2	0.783	Zero = true
Filter 3	1.323	Zero = true

CALIBRATION CHECK

Xq = 0.079 1.10%

APM PASSED

Simulator Vapor Test

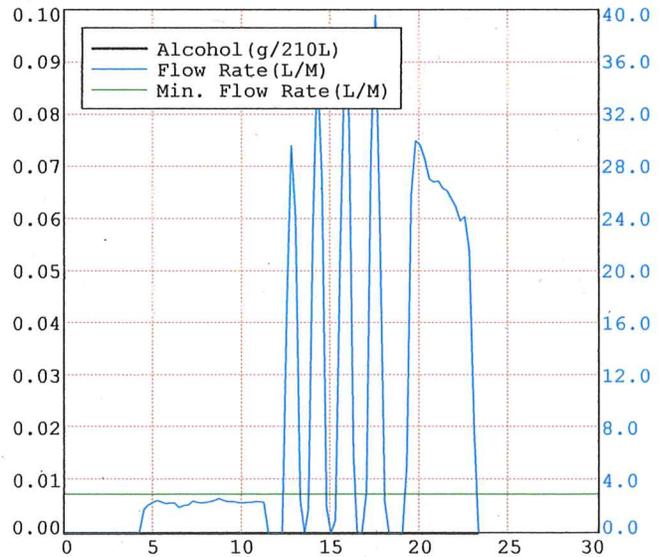
Concentration = 0.100 g/210L
 Lot # = 21-04-100
 Range = 0.095 - 0.105
 Simulator Vapor = 0.100 g/210L

RF Detection Test

Passed
 RF detected

Sample Acceptance Test

Passed



Performed by SJS SJS

Date 07/02/2021

Reviewed by AS

Date 7/13/21

Simulator Temperature Check

Simulator Serial Number: MP3510

DMT Serial Number / Simulator Location: 100140 / VSP Bradford

NIST Traceable Thermometer Serial Number: 210029857

As Found

Item	Thermometer Temperature	Simulator Temperature	Difference	Within Tolerance?*
Guth 12V500 Simulator	33.96°C	34.01°C	0.05	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: 7/2/2021

Reviewed by: [Signature]

Date: 7/13/21