ANNUAL PREVENTATIVE MAINTENANCE

DataMaster DMT: 100137
Location: Grand Isle County SO
Calibration Date: 01/26/2012
Certification Date: 01/27/2012
Installation Date: 02/03/2012
APM Date: 01/11/2013
Performed by: ROBERT DRISCOLL

Diagnostic Results

```
VERSIONS
DMT: 1.01
PIC: 2.05
Modem: 2.4
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.8°C
Breath Tube    = 47.1°C
Digital Sim    = 33.9°C

SETTINGS
Lamp Voltage   = 1.59 V
Cooler Voltage = 1.61 V
Bias Voltage   = 80 V
Chopper Freq   = 539 Hz

PUMP INFO
Flow Rate = 5.570 L/M

DETECTOR INFO
PUMP     ON        OFF
MAX(V)   0.1892    0.1937
MIN(V)   0.1878    0.1921

FILTER INFO
Filter 1   0.192  Zero = true
Filter 2   0.457  Zero = true
Filter 3   0.645  Zero = true

CALIBRATION CHECK
Xq  = 0.083  0.53%
```

APM PASSED

Simulator Vapor Test

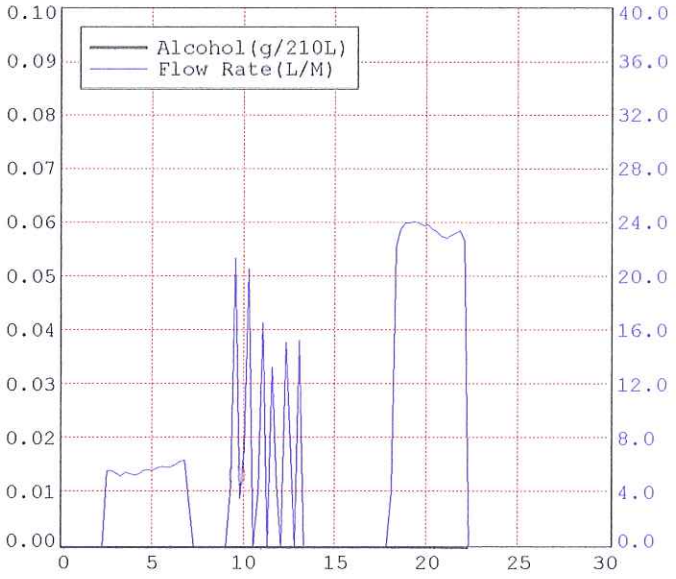
Concentration = 0.098 g/210L
Lot # = 12-88-100
Range = 0.093 - 0.103
Simulator Vapor = 0.098 g/210L

RF Detection Test

Passed

Sample Acceptance Test

Passed



NIST Thermometer S/N 111814522 RCD 1/11/13
33.9°C

Performed by [signature] Date 01/11/2013

Reviewed by [signature] Date 1/15/2013

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Diagnostic Results

VERSIONS
DMT: 1.01
PIC: 2.05
Modem: 2.4
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.9°C
Breath Tube = 47.8°C
Digital Sim = 33.9°C

SETTINGS
Lamp Voltage = 1.59 V
Cooler Voltage = 1.61 V
Bias Voltage = 80 V
Chopper Freq = 540 Hz

PUMP INFO
Flow Rate = 5.524 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.1823	0.1866
MIN(V)	0.1811	0.1852

FILTER INFO
Filter 1 0.185 Zero = true
Filter 2 0.450 Zero = true
Filter 3 0.636 Zero = true

CALIBRATION CHECK
Xq = 0.082 0.32%

Simulator Vapor Test

Concentration = 0.098 g/210L
Lot # = 12-88-100
Range = 0.093 - 0.103
Simulator Vapor = 0.092 g/210L
Simulator out of range

Performed solution change.
RCD
1/11/13

APM FAILED

NIST Thermometer S/N 111814522
33.8°C RCD
1/11/13

Performed by _____ Date 01/11/2013

Reviewed by _____ Date _____

SOLUTION CHANGE

DataMaster DMT: 100137
Location: Grand Isle County SO
Date: 01/11/2013
Performed by: ROBERT DRISCOLL

Accuracy and Precision Check

Concentration	= 0.098 g/210L
Lot #	= 12-88-100
Range	= 0.093 - 0.103
Average	= 0.098 g/210L
Std Dev	= 0.0000

Simulator Temperature: 33.9°C

Performed by _____ Date 01/11/2013