

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100146
Location: Middlesex VSP
Calibration Date: 11/03/2011
Certification Date: 11/03/2011
Installation Date: 12/06/2011
RPC Date: 05/30/2014
Supervisor Name: DEBORAH B GILBERT

Diagnostic Results

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

TEMPERATURES

Sample Chamber = 48.7°C
Breath Tube = 45.8°C
Digital Sim = 34.1°C

SETTINGS

Lamp Voltage = 1.69 V
Cooler Voltage = 1.59 V
Bias Voltage = 80 V
Chopper Freq = 549 Hz

PUMP INFO

Flow Rate = 6.048 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.2701	0.2738
MIN (V)	0.2685	0.2726

FILTER INFO

Filter	Value	Zero
Filter 1	0.273	true
Filter 2	0.500	true
Filter 3	0.747	true

CALIBRATION CHECK

Xq = 0.077 1.60%

Accuracy and Precision Check

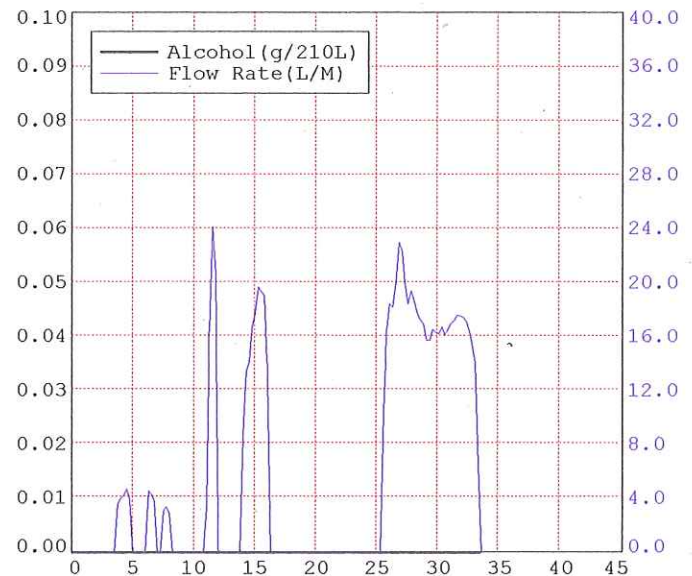
Concentration	= 0.099 g/210L
Lot #	= 13-15-100
Range	= 0.094 - 0.104
Average	= 0.099 g/210L
Std Dev	= 0.0000

RF Detection Test

Passed

Sample Acceptance Test

Passed



Routine Performance Check Passed

Performed by

Deborah B Gilbert

Date

05/30/2014

Reviewed by

[Signature]

Date

6/3/14

DMT Serial Number #100146

Page 1 of 1

Page 1 of 2 REC

05/30/2014 1:35 PM

[Signature]
6/3/2014

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Supervisor Name: DEBORAH B GILBERT

Diagnostic Results

VERSIONS

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

TEMPERATURES

Sample Chamber = 48.6°C
Breath Tube = 45.6°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.69 V
Cooler Voltage = 1.59 V
Bias Voltage = 80 V
Chopper Freq = 549 Hz

PUMP INFO

Flow Rate = 6.038 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.2752	0.2793
MIN (V)	0.2742	0.2778

FILTER INFO

Filter 1	0.279	Zero = true
Filter 2	0.504	Zero = true
Filter 3	0.756	Zero = true

CALIBRATION CHECK

Xq = 0.078 2.17%

Accuracy and Precision Check

Concentration	= 0.099 g/210L
Lot #	= 13-15-100
Range	= 0.094 - 0.104
Average	= 0.099 g/210L
Std Dev	= 0.0000

RF Detection Test

Failed

→ Faulty Portable Radio

Routine Performance Check Failed

Performed by

Deborah B Gilbert

Date

05/30/2014

Reviewed by

Date