

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: 02/13/2013
Supervisor Name: SARAH J DRAPER

Diagnostic Results

VERSIONS

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

TEMPERATURES

Sample Chamber = 48.7°C
Breath Tube = 48.1°C
Digital Sim = 33.9°C

SETTINGS

Lamp Voltage = 1.69 V
Cooler Voltage = 1.59 V
Bias Voltage = 80 V
Chopper Freq = 551 Hz

PUMP INFO

Flow Rate = 5.855 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.1354	0.1382
MIN (V)	0.1333	0.1366

FILTER INFO

Filter 1	0.137	Zero = true
Filter 2	0.366	Zero = true
Filter 3	0.637	Zero = true

CALIBRATION CHECK

Xq = 0.077 1.14%

Routine Performance Check Passed

Accuracy and Precision Check

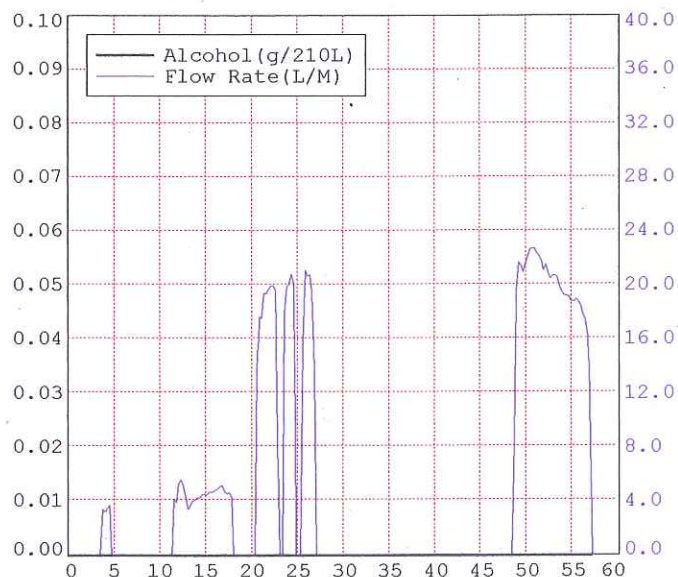
Concentration	= 0.101 g/210L
Lot #	= 12-64-100
Range	= 0.096 - 0.106
Average	= 0.102 g/210L
Std Dev	= 0.0000

RF Detection Test

Passed

Sample Acceptance Test

Passed



Performed by

Sarah J Draper

Date

02/13/2013

Reviewed by

[Signature]

Date

2/14/13

DMT Serial Number #100146

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02/13/2013 1:27 PM

[Signature]
2/14/2013



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BAC DataMaster Routine Performance Check Worksheet

VSP-Middlesex
Agency (Location)

100146
DataMaster Serial Number

For RPC Cycle (Please circle): Feb Jun Oct

Date Completed: 2, 13, 13

Please Note: Section Numbers refer to those in the "Instructions for BAC DataMaster Routine Performance Check" (Alc 435) in your DataMaster Supervisor Manual.

If the DataMaster fails any check, please refer to the instructions in your DataMaster Supervisor Manual.

SECTION 1: Replace Simulator Solution

Simulator solution replaced: 9:35
Time

DataMaster Simulator Solution

Lot # 12-64-100 EtOH_{aq} Conc: 0.101

Range: 0.096 - 0.106

Preparation Date: 02/17/2012 Expires: 02/17/2013

OPENED:

SECTION 2: Diagnostic Check

Passed: ☒ Failed: ☐

Notes:

SECTION 3: Accuracy and Precision Check

Standard deviation from ticket (S.D.) = , 0000

If less than or equal to 0.002:Passed ☒

If greater than 0.002:Failed ☐

Average concentration from ticket (AVG) = , 101

If within range on label above:Passed ☒

If outside range on label above:Failed ☐

Notes:

SECTION 4: Sample Acceptance/Alcohol-Free/Radio Interference Tests

Shallow Breath	Passed	☒	Failed	☐
Intermittent Breath.....	Passed	☒	Failed	☐
Suck Back Test	Passed	☒	Failed	☐
Sample Acceptance.....	Passed	☒	Failed	☐
Alcohol-free.....	Passed	☒	Failed	☐

Radio Frequency Interference: If no console radio in building, check here: ☐

Console RadioNo interference (passed) ☐ Interference (Failed) ☐

Handheld Radio.....Radio Interference (passed) ☒ No Interference (Failed) ☐

Notes:

