ROUTINE PERFORMANCE CHECK REPORT

DataMaster DMT: 100135
Location: Franklin County SO St Albans
Calibration Date: 01/26/2012
Certification Date: 01/27/2012
Installation Date: 02/03/2012
RPC Date: 10/22/2013
Supervisor Name: CHAD A MILES

Diagnostic Results

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

TEMPERATURES

Sample Chamber = 49.0°C
Breath Tube = 45.7°C
Digital Sim = 34.0°C

SETTINGS
Lamp Voltage = 1.83 V
Cooler Voltage = 1.79 V
Bias Voltage = 80 V
Chopper Freq = 534 Hz

PUMP INFO
Flow Rate = 5.934 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.3026	0.3061
MIN(V)	0.3012	0.3047

FILTER INFO
Filter 1 0.305 Zero = true
Filter 2 0.582 Zero = true
Filter 3 0.860 Zero = true

CALIBRATION CHECK
Xq = 0.088 0.80%

Routine Performance Check Passed

Accuracy and Precision Check

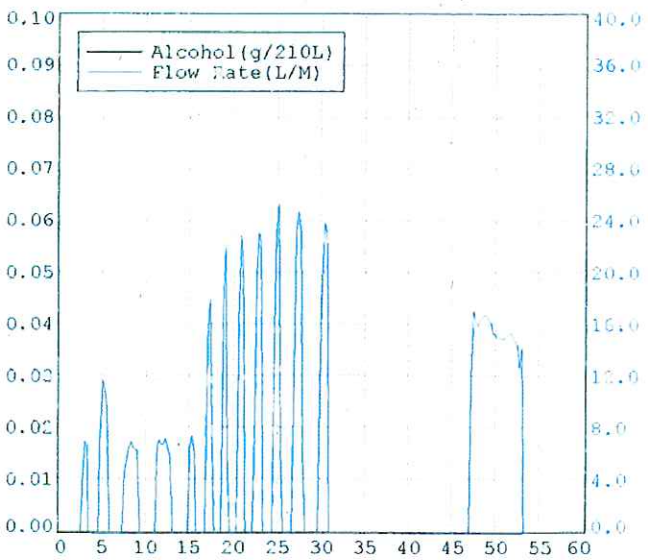
Concentration = 0.100 g/210L
Lot # = 13-13-100
Range = 0.095 - 0.105
Average = 0.098 g/210L
Std Dev = 0.0000

RF Detection Test

Passed

Sample Acceptance Test

Passed



Performed by Date 10/22/2013

Reviewed by Date 10/28/13

10/28/2013

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Diagnostic Results

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

TEMPERATURES

Sample Chamber = 48.7°C
Breath Tube = 46.9°C
Digital Sim = 34.0°C

SETTINGS
Lamp Voltage = 1.83 V
Cooler Voltage = 1.78 V
Bias Voltage = 80 V
Chopper Freq = 537 Hz

PUMP INFO
Flow Rate = 5.826 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.2970	0.3010
MIN(V)	0.2959	0.2996

FILTER INFO

Filter 1	0.300	Zero = true
Filter 2	0.576	Zero = true
Filter 3	0.851	Zero = true

CALIBRATION CHECK
Xq = 0.087 0.50%

Routine Performance Check Failed

Accuracy and Precision Check

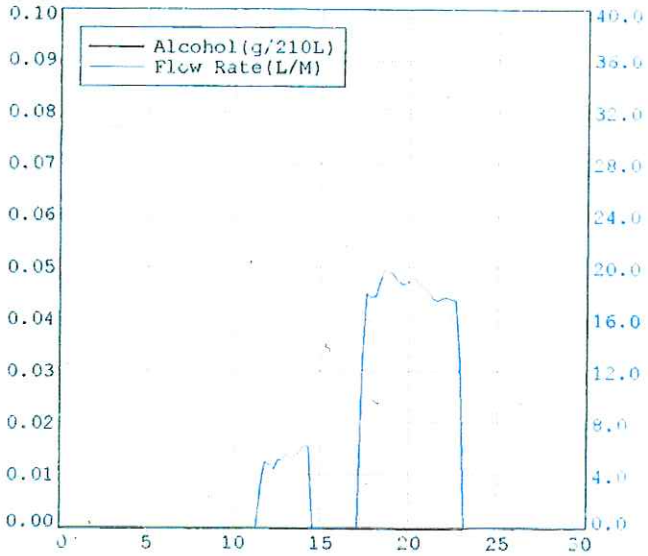
Concentration	= 0.100 g/210L
Lot #	= 13-13-100
Range	= 0.095 - 0.105
Average	= 0.098 g/210L
Std Dev	= 0.0000

RF Detection Test

Passed

Sample Acceptance Test

Failed
missed the int. and suck back RCD 10/28/13



Performed by Clerk Date 10/22/2013

Reviewed by _____ Date _____

2 of 2 RCD