

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100145
Location: Brighton pd
Calibration Date: 08/30/2011
Certification Date: 08/30/2011
Installation Date: 09/09/2011
RPC Date: 10/24/2013
Supervisor Name: JEFFERY M NOYES

Diagnostic Results

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

TEMPERATURES

Sample Chamber = 48.8°C
Breath Tube = 44.0°C
Digital Sim = 33.9°C

SETTINGS

Lamp Voltage = 1.63 V
Cooler Voltage = 1.53 V
Bias Voltage = 80 V
Chopper Freq = 539 Hz

PUMP INFO

Flow Rate = 5.590 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	-0.0057	0.0010
MIN (V)	-0.0073	-0.0008

FILTER INFO

Filter	Value	Zero
Filter 1	0.000	true
Filter 2	0.588	true
Filter 3	1.462	true

CALIBRATION CHECK

Xq = 0.124 0.14%

Accuracy and Precision Check

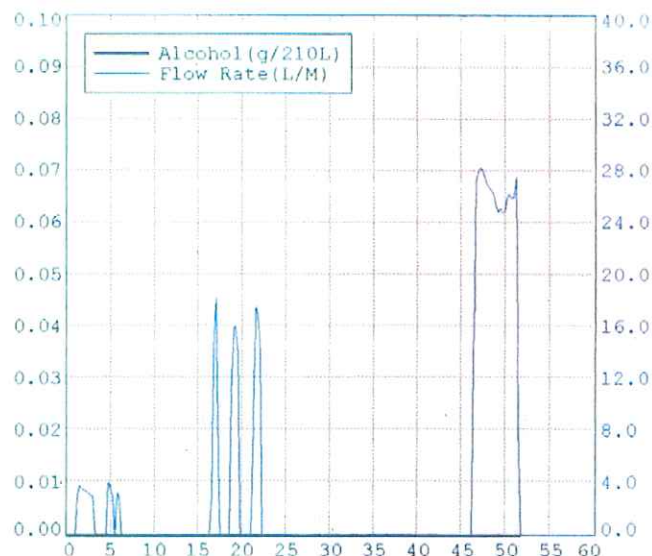
Concentration	= 0.101 g/210L
Lot #	= 12-87-101 <i>Red</i>
Range	= 0.096 - 0.106
Average	= 0.098 g/210L
Std Dev	= 0.0010

RF Detection Test

Passed

Sample Acceptance Test

Passed



Routine Performance Check Passed

Lot # entered incorrectly. DMT supervisor performed solution change protocol to rectify. Red labels

Performed by

Jeffery M Noyes

Date

10/24/2013

Reviewed by

[Signature]

Date

10/29/13

DMT Serial Number #100145

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ROUTINE PERFORMANCE CHECK REPORT



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Installation Date: 09/09/2011
RPC Date: 10/24/2013
Supervisor Name: JEFFERY M NOYES

Diagnostic Results

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

TEMPERATURES

Sample Chamber = 48.7°C
Breath Tube = 43.9°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.63 V
Cooler Voltage = 1.53 V
Bias Voltage = 80 V
Chopper Freq = 538 Hz

PUMP INFO

Flow Rate = 5.473 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	-0.0167	-0.0100
MIN (V)	-0.0181	-0.0116

FILTER INFO

Filter	Value	Zero
Filter 1	-0.011	true
Filter 2	0.579	true
Filter 3	1.451	true

CALIBRATION CHECK

Xq = 0.124 0.07%

Routine Performance Check Passed

Accuracy and Precision Check

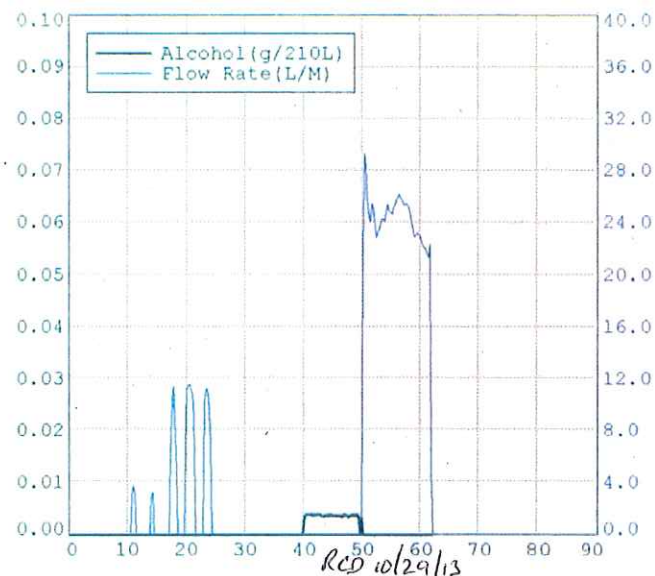
Concentration = 0.101 g/210L
Lot # = 12-87-100
Range = 0.096 - 0.106
Average = 0.098 g/210L
Std Dev = 0.0000

RF Detection Test

Passed

Sample Acceptance Test

Passed



Alcohol "blip" during "suck-back" sample. DMT supervisor reran the

RPC protocol. Rec 10/29/13

Performed by

Jeffery M Noyes

Date

10/24/2013

Reviewed by

Date

DMT Serial Number #100145

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SOLUTION CHANGE

DataMaster DMT: 100145
Location: Brighton pd
Date: 10/29/2013
Performed by: JEFFERY M NOYES



Accuracy and Precision Check

Concentration = 0.101 g/210L
Lot # = 12-87-100
Range = 0.096 - 0.106
Average = 0.098 g/210L
Std Dev = 0.0000

Simulator Temperature: 34°C

Performed by

Jeffery M Noyes

Date

10/29/2013