

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100144
Location: Springfield PD
Calibration Date: 07/02/2012
Certification Date: 07/02/2012
Installation Date: 07/03/2012
RPC Date: 06/17/2014
Supervisor Name: GREGORY J MOLGANO

Diagnostic Results

VERSIONS

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

TEMPERATURES

Sample Chamber = 48.7°C
Breath Tube = 47.2°C
Digital Sim = 34.1°C

SETTINGS

Lamp Voltage = 1.63 V
Cooler Voltage = 1.61 V
Bias Voltage = 80 V
Chopper Freq = 537 Hz

PUMP INFO

Flow Rate = 5.376 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.1323	0.1337
MIN (V)	0.1309	0.1327

FILTER INFO

Filter	Value	Zero
Filter 1	0.133	true
Filter 2	0.758	true
Filter 3	1.642	true

CALIBRATION CHECK

Xq = 0.081 0.65%

Routine Performance Check Passed

Accuracy and Precision Check

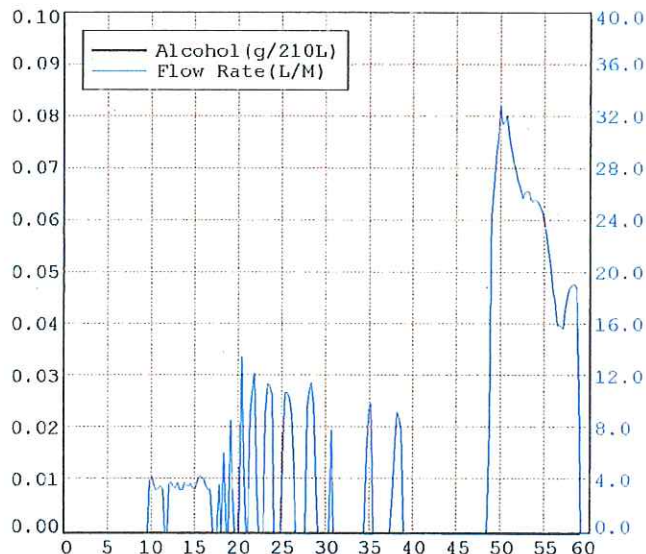
Concentration = 0.099 g/210L
Lot # = 13-19-100
Range = 0.094 - 0.104
Average = 0.102 g/210L
Std Dev = 0.0000

RF Detection Test

Passed

Sample Acceptance Test

Passed



Performed by

Gregory J Molgano

Date

06/17/2014

Reviewed by

[Signature]

Date

7/7/14

06/17/2014 1:19 AM

DMT Serial Number #100144

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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 = 47.9°C
Digital Sim = 34.2°C

SETTINGS

Lamp Voltage = 1.63 V
Cooler Voltage = 1.61 V
Bias Voltage = 80 V
Chopper Freq = 538 Hz

PUMP INFO

Flow Rate = 5.361 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.1260	0.1281
MIN (V)	0.1246	0.1264

FILTER INFO

Filter	Value	Zero
Filter 1	0.126	true
Filter 2	0.752	true
Filter 3	1.634	true

CALIBRATION CHECK

Xq = 0.080 0.43%

Accuracy and Precision Check

Concentration	= 0.099 g/210L
Lot #	= 13-19-100
Range	= 0.094 - 0.104
Average	= 0.102 g/210L
Std Dev	= 0.0000

RF Detection Test

Failed

Routine Performance Check Failed

RPC instructions in manual
are confusing. I did not
do the handheld radio test.
Operator error. *SBM* RCD 7/2/14

Performed by

Gregory J Molgano

Date

06/17/2014

Reviewed by

Date