

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: 02/13/2014
Supervisor Name: ANTHONY W LEONARD

Diagnostic Results

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

TEMPERATURES

Sample Chamber = 48.9°C
Breath Tube = 44.1°C
Digital Sim = 34.2°C

SETTINGS

Lamp Voltage = 1.63 V
Cooler Voltage = 1.61 V
Bias Voltage = 80 V
Chopper Freq = 536 Hz

PUMP INFO

Flow Rate = 5.591 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.0500	0.0526
MIN (V)	0.0478	0.0510

FILTER INFO

Filter	Value	Zero
Filter 1	0.053	true
Filter 2	0.684	true
Filter 3	1.574	true

CALIBRATION CHECK

Xq = 0.080 0.33%

Routine Performance Check Passed

Accuracy and Precision Check

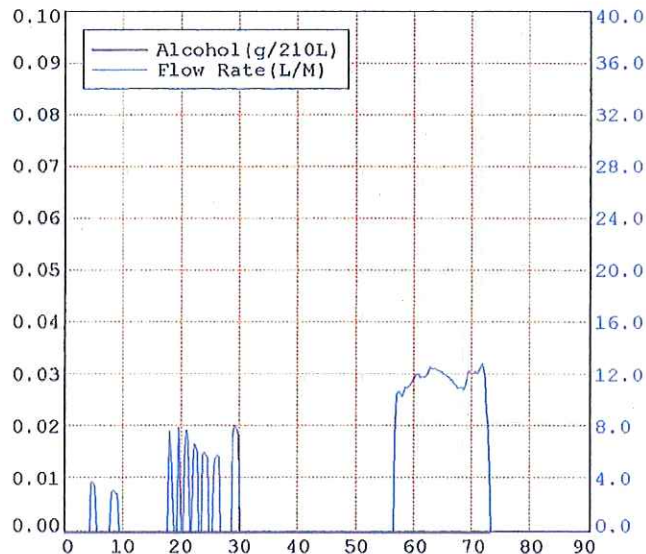
Concentration	= 0.099 g/210L
Lot #	= 13-19-100
Range	= 0.094 - 0.104
Average	= 0.101 g/210L
Std Dev	= 0.0000

RF Detection Test

Passed

Sample Acceptance Test

Passed



Performed by

Anthony W. Leonard

Date

02/13/2014

Reviewed by

[Signature]

Date

2/19/14

DMT Serial Number #100144

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Diagnostic Results

VERSIONS
DMT: 1.01
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Questions: 2.1

TEMPERATURES

Sample Chamber = 49.0°C
Breath Tube = 45.6°C
Digital Sim = 34.1°C

SETTINGS

Lamp Voltage = 1.63 V
Cooler Voltage = 1.61 V
Bias Voltage = 80 V
Chopper Freq = 536 Hz

PUMP INFO

Flow Rate = 5.539 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.0398	0.0441
MIN (V)	0.0380	0.0429

FILTER INFO

Filter 1	0.043	Zero = true
Filter 2	0.673	Zero = true
Filter 3	1.559	Zero = true

CALIBRATION CHECK

Xq = 0.080 0.33%

Accuracy and Precision Check

Concentration	=
Lot #	=
Range	=
Average	=
Std Dev	=

*Simulator head not properly
threaded on jar.
All
2-13-14*

Routine Performance Check Failed

Performed by

Anthony W Leonard

Date

02/13/2014

Reviewed by

Date

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Diagnostic Results

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

TEMPERATURES

Sample Chamber = 48.8°C
Breath Tube = 45.2°C
Digital Sim = 34.1°C

SETTINGS

Lamp Voltage = 1.63 V
Cooler Voltage = 1.61 V
Bias Voltage = 80 V
Chopper Freq = 536 Hz

PUMP INFO

Flow Rate = 5.639 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.0411	0.0443
MIN (V)	0.0394	0.0431

FILTER INFO

Filter 1	0.044	Zero = true
Filter 2	0.675	Zero = true
Filter 3	1.563	Zero = true

CALIBRATION CHECK

Xq = 0.080 0.54%

Accuracy and Precision Check

Concentration	=
Lot #	=
Range	=
Average	=
Std Dev	=

Simulator head still not
properly threaded onto jar.
Aue
2-13-14

Routine Performance Check Failed

Performed by

Anthony W Leonard

Date

02/13/2014

Reviewed by

Date

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TEMPERATURES

Sample Chamber = 48.9°C
Breath Tube = 45.2°C
Digital Sim = 33.8°C

SETTINGS

Lamp Voltage = 1.63 V
Cooler Voltage = 1.61 V
Bias Voltage = 80 V
Chopper Freq = 536 Hz

PUMP INFO

Flow Rate = 5.637 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.0443	0.0474
MIN (V)	0.0427	0.0461

FILTER INFO

Filter 1	0.047	Zero = true
Filter 2	0.678	Zero = true
Filter 3	1.566	Zero = true

CALIBRATION CHECK

Xq = 0.081 0.76%

Accuracy and Precision Check

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

RF Detection Test

Passed

Sample Acceptance Test

*RPC inadvertently aborted by
bumping ESC key on keyboard with
breath-tube.
AUE
2-13-14*

Routine Performance Check Failed

Performed by

Anthony W Leonard

Date

02/13/2014

Reviewed by

Date