

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100133
Location: Shelburne PD
Calibration Date: 11/18/2011
Certification Date: 11/18/2011
Installation Date: 12/22/2011
RPC Date: 02/22/2013
Supervisor Name: JONATHAN M MARCOUX

Diagnostic Results

VERSIONS

DMT: 1.01
PIC: 2.06
Modem: 2.4
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.7°C
Breath Tube = 48.1°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.64 V
Cooler Voltage = 1.59 V
Bias Voltage = 81 V
Chopper Freq = 542 Hz

PUMP INFO

Flow Rate = 6.109 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.1579	0.1602
MIN (V)	0.1567	0.1585

FILTER INFO

Filter	Value	Zero
Filter 1	0.158	Zero = true
Filter 2	0.522	Zero = true
Filter 3	1.138	Zero = true

CALIBRATION CHECK

Xq = 0.087 0.50%

Accuracy and Precision Check

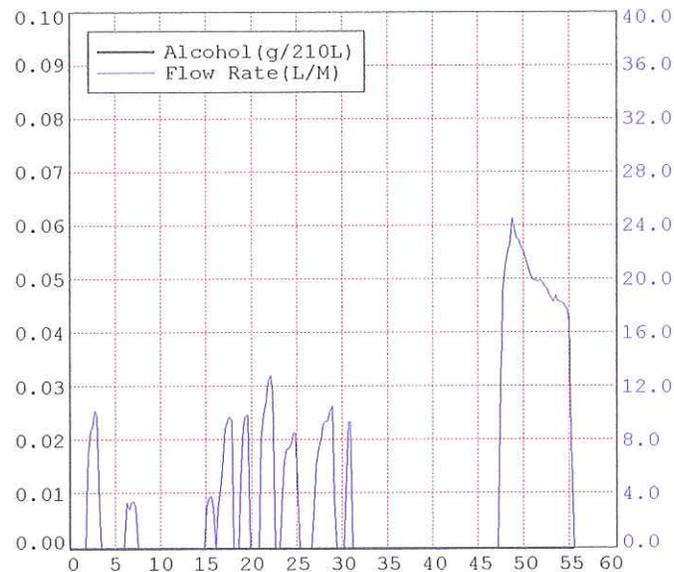
Concentration = 0.098 g/210L
Lot # = 12-88-100
Range = 0.093 - 0.103
Average = 0.099 g/210L
Std Dev = 0.0000

RF Detection Test

Passed

Sample Acceptance Test

Passed



Routine Performance Check Passed

Performed by J. Marcoux

Date 02/22/2013

Reviewed by AB

Date 3/18/13

Handwritten signature and date:
3/18/2013

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Diagnostic Results

VERSIONS

DMT: 1.01
PIC: 2.06
Modem: 2.4
Questions: 2.1

TEMPERATURES

Sample Chamber = 49.1°C
Breath Tube = 48.0°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.64 V
Cooler Voltage = 1.59 V
Bias Voltage = 81 V
Chopper Freq = 542 Hz

PUMP INFO

Flow Rate = 6.059 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.1528	0.1553
MIN(V)	0.1514	0.1541

FILTER INFO

Filter	Value	Zero
Filter 1	0.155	Zero = true
Filter 2	0.519	Zero = true
Filter 3	1.131	Zero = true

CALIBRATION CHECK

Xq = 0.087 0.10%

Accuracy and Precision Check

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

Routine Performance Check Failed

Per phone message from supervisor, bad seal on simulator gas caused failures. 3/18/13 *AKB*

Performed by *Jm* Date 02/22/2013

Reviewed by _____ Date _____

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Diagnostic Results

VERSIONS
DMT: 1.01
PIC: 2.06
Modem: 2.4
Questions: 2.1

TEMPERATURES

Sample Chamber = 49.0°C
Breath Tube = 47.0°C
Digital Sim = 34.1°C

SETTINGS

Lamp Voltage = 1.64 V
Cooler Voltage = 1.59 V
Bias Voltage = 81 V
Chopper Freq = 542 Hz

PUMP INFO

Flow Rate = 6.061 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.1535	0.1561
MIN (V)	0.1518	0.1547

FILTER INFO

Filter 1	0.155	Zero = true
Filter 2	0.519	Zero = true
Filter 3	1.132	Zero = true

CALIBRATION CHECK

Xq = 0.087 0.50%

Accuracy and Precision Check

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

Routine Performance Check Failed

Performed by J. Marcoux Date 02/22/2013

Reviewed by _____ Date _____

