

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 104409
Location: WINOOSKI PD
Calibration Date: 12/19/2011
Certification Date: 12/20/2011
Installation Date: 12/24/2015
RPC Date: 06/29/2016
Supervisor Name: JAMES V CHARKALIS

Diagnostic Results

VERSIONS
DMT: 2.00
PIC: 2.05
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 49.0°C
Breath Tube = 48.1°C
Digital Sim = 34.1°C

SETTINGS

Lamp Voltage = 1.72 V
Cooler Voltage = 1.71 V
Bias Voltage = 80 V
Chopper Freq = 537 Hz

PUMP INFO

Flow Rate = 6.142 L/M

DETECTOR INFO

| PUMP | ON | OFF |
|--------|--------|--------|
| MAX(V) | 0.3228 | 0.3248 |
| MIN(V) | 0.3213 | 0.3232 |

FILTER INFO

| Filter | Value | Zero |
|----------|-------|-------------|
| Filter 1 | 0.324 | Zero = true |
| Filter 2 | 0.574 | Zero = true |
| Filter 3 | 0.719 | Zero = true |

CALIBRATION CHECK

Xq = 0.081 2.29%

Routine Performance Check Passed

Accuracy and Precision Check

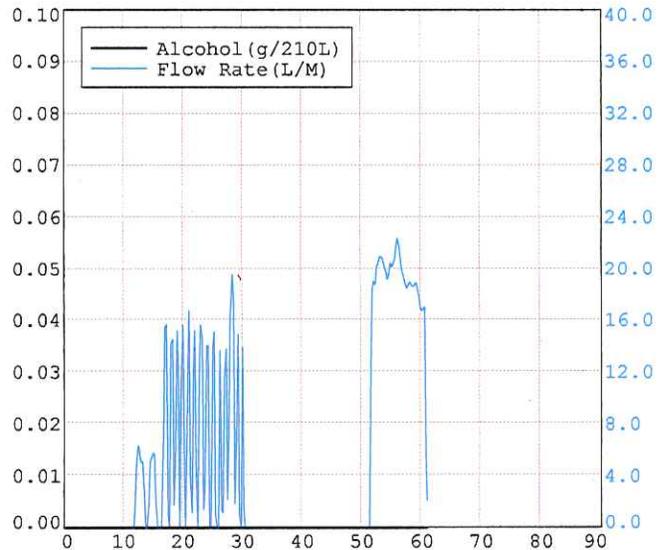
Concentration = 0.099 g/210L
Lot # = 16-05-100
Range = 0.094 - 0.104
Average = 0.100 g/210L
Std Dev = 0.0004

RF Detection Test

Passed

Sample Acceptance Test

Passed



Performed by _____

Date 06/29/2016

Reviewed by _____

Date 6/29/16

DMT Serial Number #104409

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RPC Date: 06/29/2016
Supervisor Name: JAMES V CHARKALIS

Diagnostic Results

VERSIONS
DMT: 2.00
PIC: 2.05
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.9°C
Breath Tube = 48.1°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.72 V
Cooler Voltage = 1.71 V
Bias Voltage = 80 V
Chopper Freq = 539 Hz

PUMP INFO

Flow Rate = 6.160 L/M

DETECTOR INFO

| | | |
|--------|--------|--------|
| PUMP | ON | OFF |
| MAX(V) | 0.3167 | 0.3183 |
| MIN(V) | 0.3148 | 0.3167 |

FILTER INFO

| | | |
|----------|-------|-------------|
| Filter 1 | 0.317 | Zero = true |
| Filter 2 | 0.567 | Zero = true |
| Filter 3 | 0.709 | Zero = true |

CALIBRATION CHECK

Xq = 0.080 1.64%

Routine Performance Check Failed

Accuracy and Precision Check

| | |
|---------------|-----------------|
| Concentration | = 0.099 g/210L |
| Lot # | = 16-05-100 |
| Range | = 0.094 - 0.104 |
| Average | = 0.100 g/210L |
| Std Dev | = 0.0000 |

RF Detection Test

Passed

Sample Acceptance Test

Failed

Ambient fail RCD 6/29/16

Performed by _____

Date 06/29/2016

Reviewed by _____

Date _____