

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100146
Location: MIDDLESEX VSP
Calibration Date: 05/18/2021
Certification Date: 05/18/2021
Installation Date: 05/26/2021
RPC Date: 11/05/2021
Supervisor Name: CHELSEA S DELPHIA

Diagnostic Results

VERSIONS
DMT: 2.06
PIC: 2.08
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 49.1°C
Breath Tube = 44.0°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.61 V
Cooler Voltage = 1.58 V
Bias Voltage = 80 V
Chopper Freq = 561 Hz

PUMP INFO

Flow Rate = 4.860 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.2752	0.2781
MIN(V)	0.2738	0.2770

FILTER INFO

Filter	Value	Zero
Filter 1	0.277	true
Filter 2	0.493	true
Filter 3	0.759	true

CALIBRATION CHECK

Xq = 0.115 3.82%

Routine Performance Check Passed

Accuracy and Precision Check

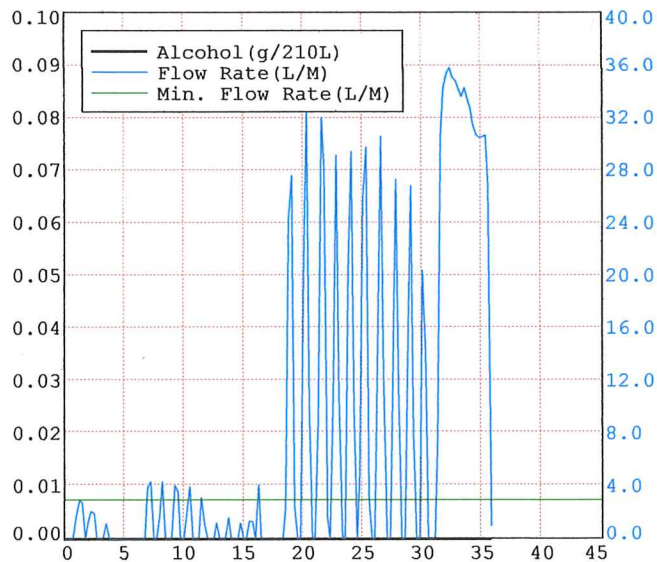
Concentration = 0.100 g/210L
Lot # = 21-05-100
Range = 0.095 - 0.105
Average = 0.099 g/210L
Std Dev = 0.0000

RF Detection Test

Passed
RF detected

Sample Acceptance Test

Passed



Performed by

Date

11/05/2021

Reviewed by

Date

11/8/21

DMT Serial Number #100146

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100146

SD

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Supervisor Name: CHELSEA S DELPHIA

Diagnostic Results

VERSIONS

DMT: 2.06
PIC: 2.08
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.7°C
Breath Tube = 44.4°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.61 V
Cooler Voltage = 1.59 V
Bias Voltage = 80 V
Chopper Freq = 561 Hz

PUMP INFO

Flow Rate = 4.841 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.2626	0.2673
MIN(V)	0.2616	0.2661

FILTER INFO

Filter	Value	Zero
Filter 1	0.266	true
Filter 2	0.482	true
Filter 3	0.740	true

CALIBRATION CHECK

Xq = 0.114 3.10%

Routine Performance Check Failed

Reason: SAMPLE ACCEPTANCE TEST FAILED

* sample acceptance passed. DMT supervisor accidentally hit "no" per in person conversation JSD 11/8/21

Accuracy and Precision Check

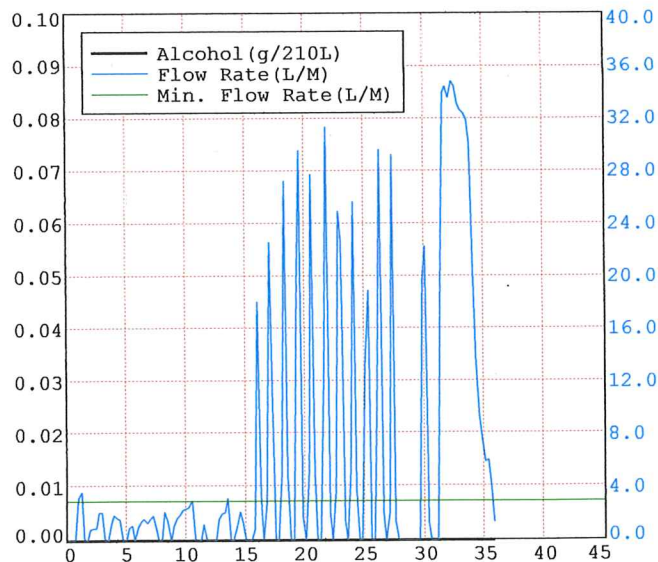
Concentration = 0.100 g/210L
Lot # = 21-05-100
Range = 0.095 - 0.105
Average = 0.099 g/210L
Std Dev = 0.0000

RF Detection Test

Passed
RF detected

Sample Acceptance Test

Failed



Performed by _____

Date 11/05/2021

Reviewed by _____

Date _____