

ROUTINE PERFORMANCE CHECK REPORT

DataMaster DMT: 100156
Location: FAIR HAVEN PD
Calibration Date: 03/10/2017
Certification Date: 03/10/2017
Installation Date: 03/13/2017
RPC Date: 10/22/2019
Supervisor Name: DALE H KERBER



Diagnostic Results

VERSIONS

DMT: 2.05
PIC: 2.08
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 49.0°C
Breath Tube = 45.0°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.64 V
Cooler Voltage = 1.71 V
Bias Voltage = 80 V
Chopper Freq = 538 Hz

PUMP INFO

Flow Rate = 5.525 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.2740	0.2776
MIN(V)	0.2717	0.2754

FILTER INFO

Filter	Value	Zero
Filter 1	0.284	true
Filter 2	0.554	true
Filter 3	1.205	true

CALIBRATION CHECK

Xq = 0.097 0.89%

Routine Performance Check Passed

Accuracy and Precision Check

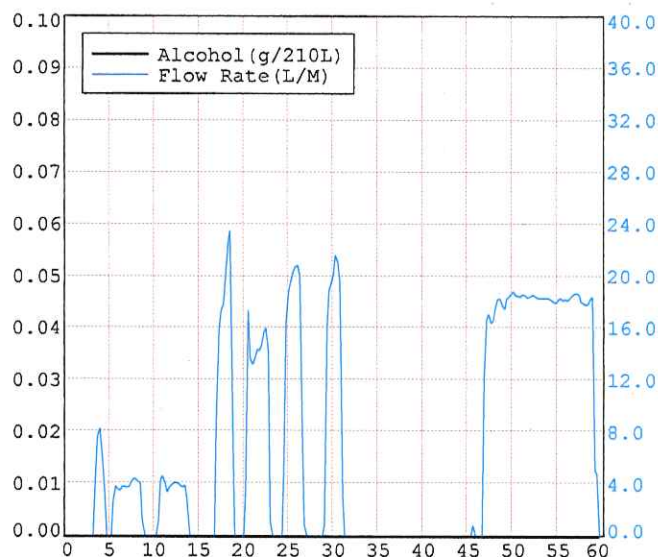
Concentration	= 0.103 g/210L
Lot #	= 19-07-100
Range	= 0.098 - 0.108
Average	= 0.100 g/210L
Std Dev	= 0.0015

RF Detection Test

Passed

Sample Acceptance Test

Passed



Performed by

Dale H Kerber

Date

10/22/2019

Reviewed by

[Signature]

Date

10/25/2019

DMT Serial Number #100156

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100156

ASD

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Supervisor Name: DALE H KERBER



Diagnostic Results

VERSIONS
DMT: 2.05
PIC: 2.08
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.7°C
Breath Tube = 45.1°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.64 V
Cooler Voltage = 1.71 V
Bias Voltage = 80 V
Chopper Freq = 537 Hz

PUMP INFO

Flow Rate = 5.543 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.2695	0.2728
MIN(V)	0.2665	0.2705

FILTER INFO

Filter 1	0.271	Zero = true
Filter 2	0.543	Zero = true
Filter 3	1.193	Zero = true

CALIBRATION CHECK

Xq = 0.098 0.18%

Routine Performance Check Failed

Accuracy and Precision Check

Concentration
Lot #
Range
Average
Std Dev

- See attached email

JD 10/25/19

Performed by

Dale Kerber

Date

10/22/2019

Reviewed by

Date

100156

JD

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Re: RPC

Kerber, Dale

Thu 2019-10-24 11:05 PM

To: DPS - DMT <DPS.DMT@vermont.gov>

I'm not sure why but a blank sample error is what came up. The only thing I think could have caused it was I still had the paper towels I used to wipe out the jar when I changed the solution sitting next to the dmt

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From: DPS - DMT <DPS.DMT@vermont.gov>

Sent: Wednesday, October 23, 2019 1:12:32 PM

To: Kerber, Dale <Dale.Kerber@vermont.gov>

Subject: RPC

On a non-printer related note, I was reviewing the RPC you completed and noticed that the first attempt failed at some point during the accuracy and precision check. The second attempt passed so you are all set moving forward, but can you please advise what happened on the first try so I can make a note in the record?

Thanks!

Jeff

100156

JSO

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