

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: 06/26/2019
Supervisor Name: DALE H KERBER

Diagnostic Results

VERSIONS
DMT: 2.05
PIC: 2.08
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 = 1.64 V
Cooler Voltage = 1.71 V
Bias Voltage = 80 V
Chopper Freq = 539 Hz

PUMP INFO

Flow Rate = 5.491 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.3033	0.3055
MIN(V)	0.3016	0.3039

FILTER INFO

Filter	Value	Zero
Filter 1	0.304	true
Filter 2	0.574	true
Filter 3	1.248	true

CALIBRATION CHECK

Xq = 0.098 0.27%

Routine Performance Check Passed

Accuracy and Precision Check

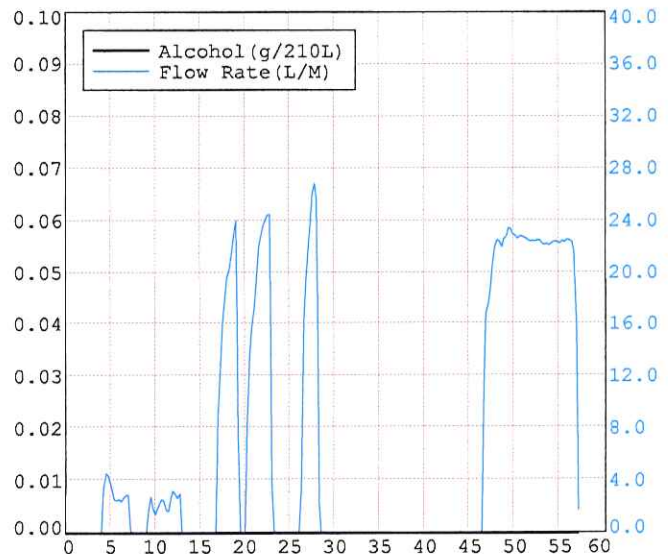
Concentration = 0.098 g/210L
Lot # = 19-06-100
Range = 0.093 - 0.103
Average = 0.097 g/210L
Std Dev = 0.0004

RF Detection Test

Passed

Sample Acceptance Test

Passed



Performed by

Dale Kerber

Date

06/26/2019

Reviewed by

[Signature]

Date

6/27/2019

DMT Serial Number #100156

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JD

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SETTINGS

Lamp Voltage = 1.64 V
Cooler Voltage = 1.71 V
Bias Voltage = 80 V
Chopper Freq = 539 Hz

PUMP INFO

Flow Rate = 5.467 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.2911	0.2941
MIN(V)	0.2892	0.2923

FILTER INFO

Filter 1	0.292	Zero = true
Filter 2	0.563	Zero = true
Filter 3	1.233	Zero = true

CALIBRATION CHECK

Xq = 0.098 0.09%

Routine Performance Check Failed

Accuracy and Precision Check

Concentration	= 0.098 g/210L
Lot #	= 19-06-100
Range	= 0.093 - 0.103
Average	= 0.097 g/210L
Std Dev	= 0.0005

RF Detection Test

Passed

Sample Acceptance Test

Failed

Performed by

Date

06/26/2019

Reviewed by

Date

Re: DMT RPC

Kerber, Dale

Thu 6/27/2019 8:23 AM

To: Dukette, Jeffery <Jeffery.Dukette@vermont.gov>;

I could not get it to pass with several attempts and then I did it too hard and felt the suck back valve kick in and the DMT shut down, Dale Kerber

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From: Dukette, Jeffery
Sent: Thursday, June 27, 2019 8:18:34 AM
To: Kerber, Dale
Subject: DMT RPC

Good morning Dale,

In reviewing the DMT records this morning I noticed that the first attempt at the RPC failed. Can you please advise what happened so I can add it to the record?

Thanks!

Jeff Dukette
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ASD

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