

SOLUTION CHANGE

DataMaster DMT: 100145

Location: ST. JOHNSBURY VSP

Date: 4/22/2025

Performed by: JASON M HALEY



Accuracy and Precision Check

Concentration = 0.100 g/210L
Lot # = 24-07-100
Range = 0.095 - 0.105
Average = 0.099 g/210L
Std Dev = 0.0003

Simulator Temperature: 34.0°C

JSO 4/22/25

Performed by

A handwritten signature in black ink, appearing to read "J. M. Haley", is written over a horizontal line.

Date

4/22/2025

SOLUTION CHANGE

DataMaster DMT: 100145
Location: ST. JOHNSBURY VSP
Date: 4/19/2025
Performed by: CRISTA MAURICE



Accuracy and Precision Check

Concentration = 0.100 g/210L
Lot # = 24-07-100
Range = 0.095 - 0.105
Average = 0.094 g/210L
Std Dev = 0.0004
Average out of range

Simulator Temperature: 34.0°C

Solution Change Failed

Performed by

Date

4/19/2025

RE: DMT Sim Change

From Haley, Jason <Jason.Haley@vermont.gov>

Date Mon 2025-04-21 1:26 PM

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

I will take care off it

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

Sent: Monday, April 21, 2025 1:05 PM

To: Maurice, Crista <Crista.Maurice@vermont.gov>

Cc: Haley, Jason <Jason.Haley@vermont.gov>

Subject: Re: DMT Sim Change

Good afternoon Jason,

I know this is a tedious option, but can you try to replace the solution again and run another SSC protocol? I want to eliminate a "bad solution" as a cause first. Although rare, perhaps there was something wrong with the seal or something like that. Failing low during an SSC is pretty rare so I want to start with the "try it again" approach and then go from there.

Thanks,

Jeff

From: Maurice, Crista <Crista.Maurice@vermont.gov>

Sent: Monday, April 21, 2025 10:20 AM

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

Cc: Haley, Jason <Jason.Haley@vermont.gov>

Subject: Re: DMT Sim Change

Yes. I did change the solution. I thought it was fine after the change but I got an email from one of the troops yesterday saying it was out of range. I did an accuracy precision check too but I can't remember if it was before or after the solution change.

I'm not working this week so maybe Jason Haley can help with any trouble shooting

Sgt. Crista Maurice & K9 Borys

Patrol Commander

100MS

jsd

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Vermont State Police – St. Johnsbury

1068 US RT 5, Suite 1

St. Johnsbury, Vermont

Phone: [\(802\) 748-3111](tel:(802)748-3111) ext 3

From: DPS - DMT <DPS.DMT@vermont.gov>
Sent: Monday, April 21, 2025 09:17
To: Maurice, Crista <Crista.Maurice@vermont.gov>
Subject: DMT Sim Change

Good morning,

I see you tried performing a sim solution change this weekend and the results failed low. Did you physically change the simulator change prior to running the protocol? It's surprising to have a sim value out of range with a fresh solution. Just wanted to touch base and see if you had any more information.

Thanks!

Jeff Dukette, M.S., D-ABFT-FT

Forensic Chemist

Vermont Forensic Laboratory

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Waterbury, VT 05671

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(802) 585-5843 (Cell)

Jeffery.Dukette@vermont.gov

100145

JSJ

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ACCURACY & PRECISION REPORT

STATE OF VERMONT

DataMaster DMT: 100145

Location: ST. JOHNSBURY VSP

Date: 4/19/2025

Time: 18:20:23

SUPERVISOR NAME:

CRISTA MAURICE

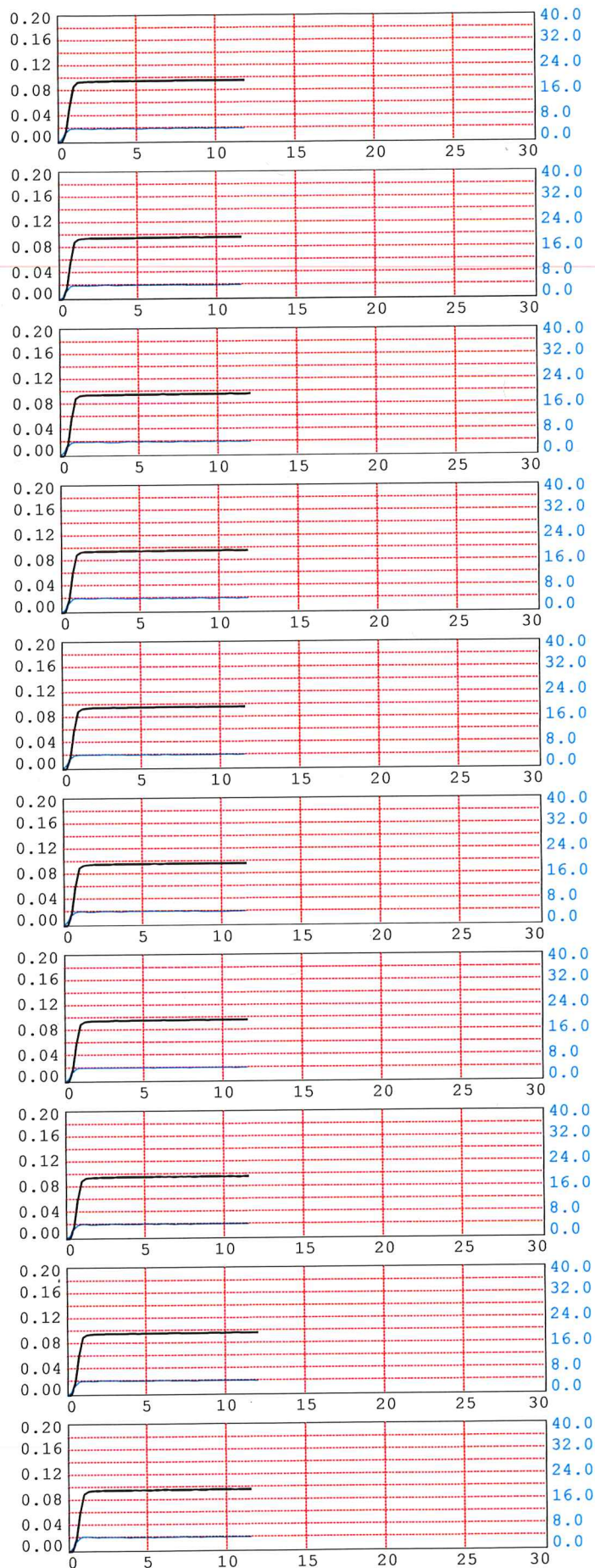
SOLUTION LOT #: 24-07-100

SOLUTION CONCENTRATION: 0.100

BLANK TEST	0.000	18:21
SIMULATOR VAPOR 34.0°C	0.098	18:21
SIMULATOR VAPOR 34.0°C	0.098	18:22
SIMULATOR VAPOR 34.0°C	0.098	18:23
SIMULATOR VAPOR 34.0°C	0.097	18:25
SIMULATOR VAPOR 34.0°C	0.098	18:26
SIMULATOR VAPOR 34.0°C	0.098	18:27
SIMULATOR VAPOR 34.0°C	0.098	18:28
SIMULATOR VAPOR 34.0°C	0.097	18:29
SIMULATOR VAPOR 34.0°C	0.097	18:31
SIMULATOR VAPOR 34.0°C	0.097	18:32
BLANK TEST	0.000	18:33

Average = 0.097

Std Dev = 0.0002



100145

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ACCURACY & PRECISION REPORT

STATE OF VERMONT

DataMaster DMT: 100145

Location: ST. JOHNSBURY VSP

Date: 4/19/2025

Time: 20:28:54

SUPERVISOR NAME:

CRISTA MAURICE

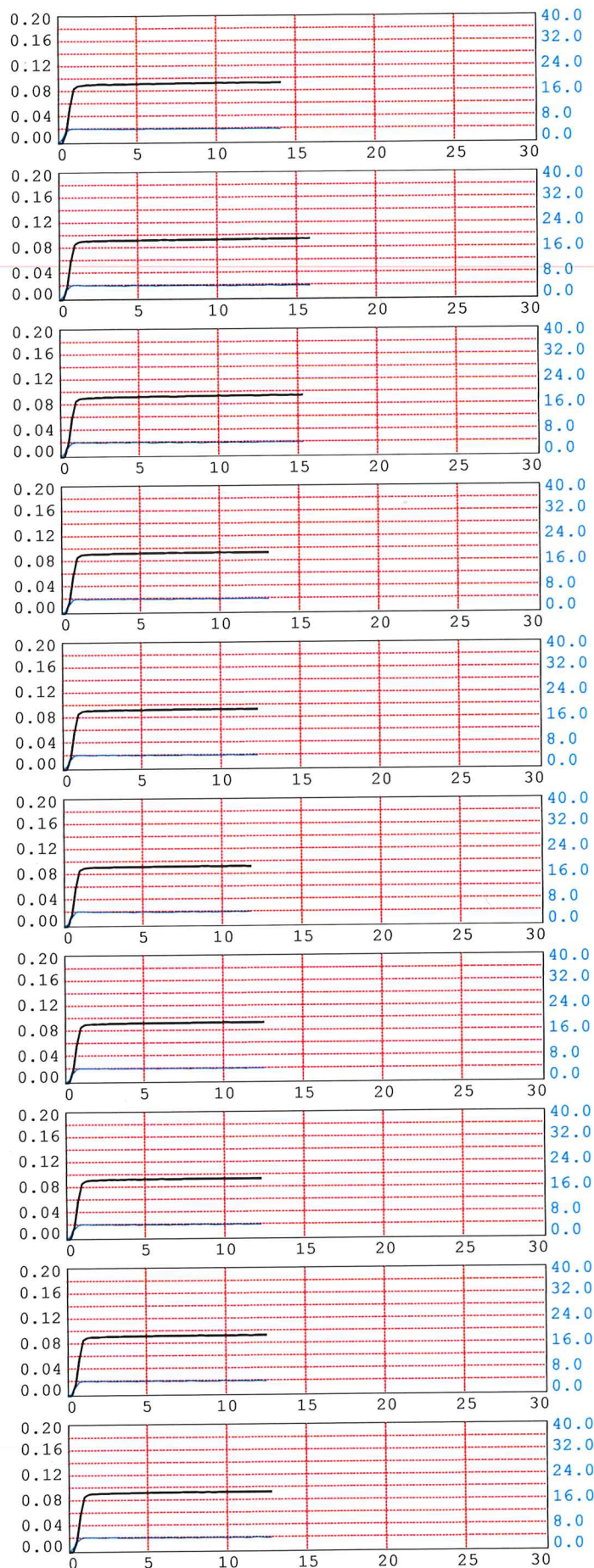
SOLUTION LOT #: 24-07-100

SOLUTION CONCENTRATION: 0.100

BLANK TEST	0.000	20:29
SIMULATOR VAPOR 34.0°C	0.095	20:30
SIMULATOR VAPOR 34.0°C	0.096	20:31
SIMULATOR VAPOR 34.0°C	0.096	20:32
SIMULATOR VAPOR 34.0°C	0.095	20:33
SIMULATOR VAPOR 34.0°C	0.094	20:35
SIMULATOR VAPOR 34.0°C	0.094	20:36
SIMULATOR VAPOR 34.0°C	0.095	20:37
SIMULATOR VAPOR 34.0°C	0.095	20:38
SIMULATOR VAPOR 34.0°C	0.094	20:39
SIMULATOR VAPOR 34.0°C	0.094	20:40
BLANK TEST	0.000	20:41

Average = 0.095

Std Dev = 0.0005



100145

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