VERMONT FORENSIC LABORATORY

PO BOX 47
WATERBURY, VERMONT 05676-0047
TEL: 802-244-8788
FAX: 802-241-5557
http://vfl.vermont.gov

DATAMASTER TECHNICAL SUPPORT INQUIRY

Agency/Site: Wilmington PD **DataMaster Serial #:** 300151

Date: 2/26/2014 Requestor: Mark Denault

Instrument Supervisor: Mark Denault Phone #: (802)464-8593

Taken By: Amanda Bolduc

Problem: DMT supervisor concerned with rapid simulator solution depletion.

Laboratory Response: DMT Technician to troubleshoot on site.

Work Performed: Performed leak test on simulator and found to be air tight. Ran an Accuracy & Precision check to assess simulator solution concentration; solution was within specifications at 0.097 g/210L. Verified simulator temperature with NIST thermometer s/n 111814517; temperature was within specifications at 34.1 degrees C. DMT supervisor asked to track usage. Simulator may have had a leak prior to the most recent solution change.

☒ On Site ☐ In-house Attachments: 2 pages

Performed By: R. Driscoll RCD Date: 3/7/2014
Final Review: [illegible] Date: 3/11/2014

Status Record History

Status Date	Status Time	Test Type	Status Message
01/30/2014	16:09:08	RPC Record	SAMPLE ACCEPTANCE TEST FAILED
02/21/2014	23:22:28	DUI Subject Record	Simulator Out of Range

2 of 3 ROD

ACCURACY & PRECISION REPORT

STATE OF VERMONT

DataMater DMT: 300151
Location: Wilmington PD

Date: 03/07/2014
Time: 10:49:11

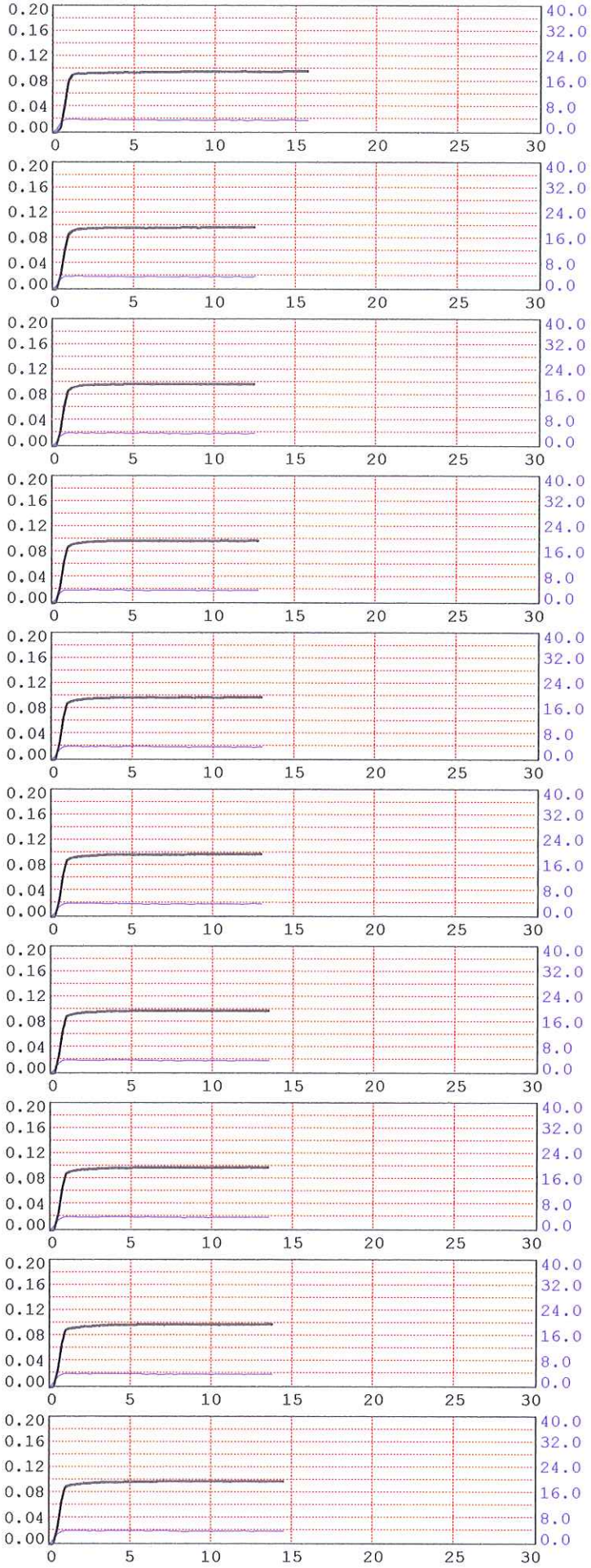
SUPERVISOR NAME:
ROBERT DRISCOLL

SOLUTION LOT #: 13-21-100
SOLUTION CONCENTRATION: 0.099

BLANK TEST	0.000	10:50
CALIBRATION CHECK	PASSED	10:50
SIMULATOR VAPOR 34.0°C	0.096	10:50
SIMULATOR VAPOR 33.9°C	0.097	10:51
SIMULATOR VAPOR 34.0°C	0.098	10:52
SIMULATOR VAPOR 33.9°C	0.098	10:53
SIMULATOR VAPOR 33.9°C	0.098	10:54
SIMULATOR VAPOR 34.0°C	0.098	10:55
SIMULATOR VAPOR 34.0°C	0.099	10:56
SIMULATOR VAPOR 34.0°C	0.098	10:57
SIMULATOR VAPOR 34.0°C	0.098	10:59
SIMULATOR VAPOR 34.0°C	0.098	11:00
BLANK TEST	0.000	11:01

Average = 0.097
Std Dev = 0.000

NIST Thermometer S/N 111814517
34.1°C
RCD 3/7/14



3 of 3 RCD