

Alaska Scientific Crime Detection Laboratory

DataMaster Repair Form

Effective: 3/20/2025

Version: 2.0

Instrument #: 100379
Start Date: 7/9/25

Analyst(s): Kaija Swisher

Reason for Repair

Breathe flow not registering, Set screw in 5-way valve missing.

Troubleshooting/Repair

Replaced missing set screw in 5-way valve.

- | | |
|---|--|
| ☒ VOC (attached) | ☒ Verify software version |
| ☒ VOC Internal Standard value $\leq 3.00\%$ | ☒ Non-Drinking Subject Test (attached) |
| ☐ Ready for Adjustment | ☒ Ready for Calibration |
| ☐ Further Repair Needed | ☐ Return to Factory |
| ☐ Proceed to Close Out | |

End Date: 7/9/25

Page 1 of 1

All printed copies are uncontrolled.

Approved by: Chemistry Supervisor

VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument

State of Alaska

Serial #: 100379

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Date: 07/09/2025

External Standard Test Values

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 29.66: 0.079
LOT #: AG335202
EXPIRATION: 12/18/2025
TANK PRESSURE: 384 psi

BLANK TEST	0.000	14:43
INTERNAL STANDARD	VERIFIED	14:44
Xq = 0.096 (0.64%)		
EXTERNAL STANDARD	0.076	14:44
X[1] = 0.0764 (0.0011) (0.0024)		
BLANK TEST	0.000	14:45
EXTERNAL STANDARD	0.077	14:45
X[1] = 0.0770 (0.0019) (0.0023)		
BLANK TEST	0.000	14:46
EXTERNAL STANDARD	0.077	14:46
X[1] = 0.0774 (0.0015) (0.0009)		
BLANK TEST	0.000	14:47
EXTERNAL STANDARD	0.077	14:47
X[1] = 0.0770 (0.0015) (0.0015)		
BLANK TEST	0.000	14:48
EXTERNAL STANDARD	0.077	14:48
X[1] = 0.0769 (0.0015) (0.0018)		
BLANK TEST	0.000	14:49

Average = 0.0768
Std Dev = 0.0004

Diagnostic Check

VERSIONS

DMT: 3.02
PIC: 3.02
Modem: 2.6
Questions: 2.2

TEMPERATURES

Sample Chamber = 49.1°C	PASSED
(44.0°C - 52.0°C)	
Breath Tube = 42.7°C	PASSED
(38.0°C - 50.0°C)	

SETTINGS

Lamp Voltage = 1.57 V	PASSED
(0.96 V - 2.24 V)	
Cooler Voltage = 1.50 V	PASSED
(0.95 V - 2.21 V)	
Bias Voltage = 80 V	PASSED
(48 V - 112 V)	
Chopper Freq = 512 Hz	PASSED
(475 Hz - 575 Hz)	
Barometer = 29.7 in	

PUMP INFO

Flow Rate = 4.385 L/M	PASSED
(3.500 L/M - 6.500 L/M)	

DETECTOR INFO

PUMP ON	PASSED
(0.003 V <= 0.010 V)	
PUMP OFF	PASSED
(0.004 V <= 0.010 V)	

FILTER INFO

Filter 1	PASSED
Filter 2	PASSED
Filter 3	PASSED

INTERNAL STANDARD

Xq = 0.095 0.46% (0.00% - 4.00%)	PASSED
----------------------------------	--------

SUBJECT TEST

Alaska Department of Public Safety
DATA MASTER dmt: 100379

Date: 07/09/2025
Time: 15:06:52

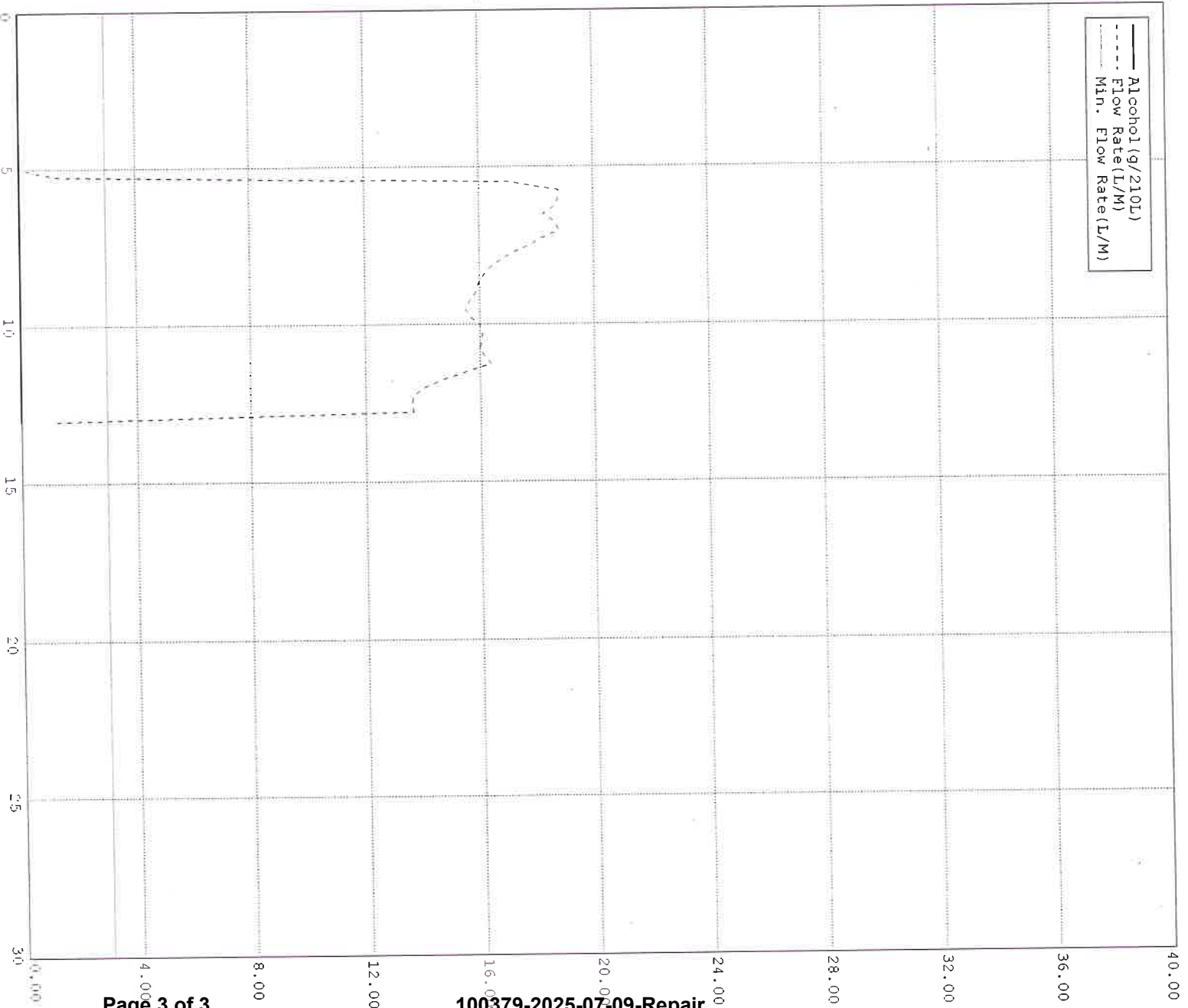
SUBJECT NAME:
TEST TEST
LICENSE #: XXX

OPERATOR NAME:
KAIJA SWISHER
OPERATOR'S #: 10746

DEPT/AGENCY:
NON-DRINKING SUBJECT TEST
CASE/REPORT: XXX
TEST TYPE: TEST

EXTERNAL STANDARD INFORMATION
NOMINAL: 0.080
TARGET AT 29.66: 0.079
LOT #: AG335202
EXPIRATION: 12/18/2025

	PASSED	15:07
DIAGNOSTIC CHECK	0.000	15:08
BLANK TEST	0.000	15:08
INTERNAL STANDARD	VERIFIED	15:08
EXTERNAL STANDARD	0.077	15:08
BLANK TEST	0.000	15:09
SUBJECT SAMPLE (Vol=2.05L)	0.000	15:09
BLANK TEST	0.000	15:10
EXTERNAL STANDARD	0.077	15:10
BLANK TEST	0.000	15:11



KS