

Alaska Scientific Crime Detection Laboratory

DataMaster Repair Form

Effective: 3/20/2025

Version: 2.0

Instrument #: 100361

Analyst(s): Carlie Glaister

Start Date: 5/22/25

Reason for Repair

Breath hose is not working properly - unable to heat to temperature.

Troubleshooting/Repair

Replaced breath hose.

☒ VOC (attached)

☒ VOC Internal Standard value $\leq 3.00\%$

☒ Verify software version

☒ Non-Drinking Subject Test (attached)

☐ Ready for Adjustment

☐ Further Repair Needed

☐ Proceed to Close Out

☒ Ready for Calibration

☐ Return to Factory

End Date: 5/22/25

VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument

State of Alaska

Serial #: 100361

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Date: 05/22/2025

External Standard Test Values

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080

TARGET AT 29.67: 0.079

LOT #: AG335202

EXPIRATION: 12/18/2025

TANK PRESSURE: 292 psi

BLANK TEST	0.000	11:56
INTERNAL STANDARD	VERIFIED	11:56
Xq = 0.087 (0.60%)		
EXTERNAL STANDARD	0.077	11:57
X[1] = 0.0768 (-0.0031) (0.0025)		
BLANK TEST	0.000	11:58
EXTERNAL STANDARD	0.078	11:58
X[1] = 0.0781 (-0.0021) (0.0019)		
BLANK TEST	0.000	11:59
EXTERNAL STANDARD	0.078	11:59
X[1] = 0.0783 (-0.0014) (0.0021)		
BLANK TEST	0.000	12:00
EXTERNAL STANDARD	0.078	12:00
X[1] = 0.0783 (-0.0012) (0.0021)		
BLANK TEST	0.000	12:01
EXTERNAL STANDARD	0.079	12:01
X[1] = 0.0786 (-0.0021) (0.0011)		
BLANK TEST	0.000	12:02

Average = 0.0780

Std Dev = 0.0007

Diagnostic Check

VERSIONS

DMT: 3.02

PIC: 3.03

Modem: 2.6

Questions: 2.2

TEMPERATURES

Sample Chamber = 48.7°C PASSED
(44.0°C - 52.0°C)

Breath Tube = 44.4°C PASSED
(38.0°C - 50.0°C)

SETTINGS

Lamp Voltage = 1.87 V PASSED
(1.17 V - 2.73 V)

Cooler Voltage = 1.94 V PASSED
(1.01 V - 2.35 V)

Bias Voltage = 79 V PASSED
(48 V - 112 V)

Chopper Freq = 526 Hz PASSED
(475 Hz - 575 Hz)

Barometer = 29.7 in

PUMP INFO

Flow Rate = 5.359 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
(0.003 V <= 0.010 V)

FILTER INFO

Filter 1 PASSED

Filter 2 PASSED

Filter 3 PASSED

INTERNAL STANDARD PASSED

Xq = 0.088 0.10% (0.00% - 4.00%)

SUBJECT TEST

Alaska Department of Public Safety

DATAMASTER dmt: 100361

Date: 05/22/2025

Time: 12:04:33

SUBJECT NAME:

TEST TEST

LICENSE #: XXXX

OPERATOR NAME:

CARLIE GLAISTER

OPERATOR'S #: 10436

DEPT/AGENCY:

NON-DRINKING SUBJECT TEST

CASE/REPORT: XXXX

TEST TYPE: TEST

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080

TARGET AT 29.67: 0.079

LOT #: AG335202

EXPIRATION: 12/18/2025

DIAGNOSTIC CHECK	PASSED	12:05
BLANK TEST	0.000	12:05
INTERNAL STANDARD	VERIFIED	12:05
EXTERNAL STANDARD	0.078	12:06
BLANK TEST	0.000	12:07
SUBJECT SAMPLE (Vol=1.70L)	0.000	12:07
BLANK TEST	0.000	12:08
EXTERNAL STANDARD	0.079	12:08
BLANK TEST	0.000	12:09

OK

