

Alaska Scientific Crime Detection Laboratory

DataMaster Evaluation Form

Effective: 1/18/2024

Version: 4.0

Instrument #: 100395

Analyst/Technician(s): Charlie Glaister

Start Date: 5/22/25

Date Instrument Received: 5/19/25

Reason for instrument evaluation

Filter wheel errors & communication error

Visual Inspection:

☒ Clean

☒ Replace missing screws

☒ Cermetex Box (modem) is secure

☒ Ensure modem cable present

☒ Double Check Valve secured to wall

☒ All tubing and connections secure

☒ O-ring inspection and ensure 2 replacement O-rings in bag

☒ Attach VOC

☐ VOC Internal Standard $\leq 3.00\%$

☒ Verify software version

Not completed.

MLB 5/22/25

Condition of item: ☐ No apparent damage ☒ Damaged

NOTE: As Found Linearity is required if the instrument is not damaged and the internal standard value is not more than 4.00%

As Found Conditions (if performed):

Barometric Pressure (inHg): _____ Temperature (C): _____ Relative Humidity (%): _____

Linearity Test Levels (g/210L): 0.020, 0.080, 0.300

Notes: 1st VOC had a Communication Error 1 status message. Unable to initiate a 2nd VOC due to communication error in bottom left of screen. Unable to access reports to print VOC details, unable to perform linearity or non drinking subject test.

☐ Attach Non-Drinking Subject Test

Conclusion:

☐ Ready for Adjustment

☒ Needs Repair

☐ Ready for Calibration

Lab Work End Date: 5/22/25

VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument

State of Alaska

Serial #: 100395

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Date: 05/22/2025

External Standard Test Values

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080

TARGET AT 29.70: 0.079

LOT #: AG335202

EXPIRATION: 12/18/2025

TANK PRESSURE: 156 psi

BLANK TEST	0.000	11:58
INTERNAL STANDARD	VERIFIED	11:58
EXTERNAL STANDARD	0.077	11:59
BLANK TEST	0.000	12:00
EXTERNAL STANDARD	0.078	12:00
BLANK TEST	0.000	12:01
EXTERNAL STANDARD	0.077	12:01
BLANK TEST	0.000	12:02
EXTERNAL STANDARD	0.077	12:02
BLANK TEST	0.000	12:03
EXTERNAL STANDARD	0.077	12:03

Communication Error 1

Diagnostic Check

VERSIONS

DMT: 3.02

PIC: 3.02

Modem: 2.6

Questions: 2.2

TEMPERATURES

Sample Chamber = 48.8°C

PASSED

Breath Tube = 48.1°C

PASSED

PUMP INFO

Flow Rate = 4.427 L/M

PASSED

DETECTOR INFO

PUMP ON

PASSED

PUMP OFF

PASSED

FILTER INFO

Filter 1

PASSED

Filter 2

PASSED

Filter 3

PASSED

INTERNAL STANDARD

PASSED