

Alaska Scientific Crime Detection Laboratory

DataMaster Evaluation Form

Effective: 10/10/2022

Version: 3.0

Instrument #: 100423

Analyst(s): C. O'Bryen

Start Date: 5/17/23

Date Received: 5/17/23

Reason for instrument evaluation

Various status messages + reports of a subject spitting into the breath hose.

Visual Inspection

- Clean (not including breath hose)
- 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

As Found Conditions:

Barometric Pressure (inHg): _____ Temperature (C): 0/03 Relative Humidity (%): _____

Linearity Test (attached)

0.020g/210L Mnf: _____ Lot: _____ Exp: _____
0.080g/210L Mnf: _____ Lot: _____ Exp: _____
0.300g/210L Mnf: _____ Lot: _____ Exp: _____

Notes

Breath hose has a visible blockage in the netting inside the white plastic opening where the mouthpiece is attached. Could not perform VOC.

- VOC (attached) 003
- Verify software version
- VOC Internal Standard value $\leq 3.00\%$ 003
- Non-Drinking Subject Test (attached) 003

Condition of item: Good Needs Repair

Ready for Adjustment

Ready for Calibration

End Date: 5/17/23

VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument

State of Alaska

Serial #: 100423

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Date: 05/17/2023

External Standard Test Values

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 29.95: 0.080
LOT #: 09523080A1
EXPIRATION: 05/05/2025
TANK PRESSURE: 1023 psi

BLANK TEST	0.000	11:57
INTERNAL STANDARD	VERIFIED	11:57
EXTERNAL STANDARD	0.077	11:57
BLANK TEST	0.000	11:58
EXTERNAL STANDARD	0.075	11:58
BLANK TEST	0.000	11:59
EXTERNAL STANDARD	0.074	12:00

Standard Out of Range

Diagnostic Check

VERSIONS

DMT: 3.02
PIC: 3.03
Modem: 2.6
Questions: 2.2

TEMPERATURES

Sample Chamber = 48.7°C	PASSED
Breath Tube = 48.1°C	PASSED

PUMP INFO

Flow Rate = 4.478 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