

# Alaska Scientific Crime Detection Laboratory

## DataMaster Evaluation Form

Effective: 10/10/2022

Version: 3.0

Instrument #: 100422  
Start Date: 12/13/22  
Date Received: 12/6/22

Analyst(s): C. O Bryant

Reason for instrument evaluation

Filter won't zero, ambient fail, blank 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

As Found Conditions:

Barometric Pressure (inHg): \_\_\_\_\_ Temperature (C): \_\_\_\_\_ Relative Humidity (%) \_\_\_\_\_

Linearity Test (attached)

*COS 12/13/22*  
0.020g/210L Mnf: \_\_\_\_\_ Lot: \_\_\_\_\_ Exp: \_\_\_\_\_  
0.080g/210L Mnf: \_\_\_\_\_ Lot: \_\_\_\_\_ Exp: \_\_\_\_\_  
0.300g/210L Mnf: \_\_\_\_\_ Lot: \_\_\_\_\_ Exp: \_\_\_\_\_

Notes

Unable to perform as found due to detector overflow.

- VOC (attached)
  - Verify software version
  - VOC Internal Standard value  $\leq 3.00\%$
  - Non-Drinking Subject Test (attached)
- } unable to perform. COS 12/13/22*

Condition of item:  Good  Needs Repair

- Ready for Adjustment
- Ready for Calibration

End Date: 12/13/22

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Approved by: Chemistry Supervisor

# VERIFICATION OF CALIBRATION REPORT

*of DataMaster dmt Breath Test Instrument*

*State of Alaska*

Serial #: 100422

*Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program*

Date: 12/13/2022

## External Standard Test Values

## Diagnostic Check

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

### TEMPERATURES

Sample Chamber = 48.7°C	PASSED
Breath Tube = 45.4°C	PASSED

Detector Overflow