

# Alaska Scientific Crime Detection Laboratory

## DataMaster Evaluation Form

Effective: 1/18/2024

Version: 4.0

Instrument #: 100406

Analyst/Technician(s): Kaja Swisher

Start Date: 11/17/25

Date Instrument Received: 11/3/25 11/17/2025 KS 11/18/25

Reason for instrument evaluation

Gas flow errors, unable to complete VOC.

### 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

KS 11/17/25

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~~

KS 11/17/25

Notes: Unable to complete evaluation due to gas flow errors during tank change / VOC attempt. Recommend repair.

Recomend KS 11/18/25

☐ Attach Non-Drinking Subject Test KS 11/17/25

### Conclusion:

☐ Ready for Adjustment

☒ Needs Repair

☐ Ready for Calibration

Lab Work End Date: 11/17/25

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 #: 100406

*Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program*

Date: 11/17/2025

## External Standard Test Values

### EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080

TARGET AT 29.10: 0.078

LOT #: AG436502

EXPIRATION: 12/30/2026

TANK PRESSURE: 1190 psi

BLANK TEST 0.000 15:19

INTERNAL STANDARD VERIFIED 15:20

Gas Flow Error

## Diagnostic Check

### VERSIONS

DMT: 3.02

PIC: 3.02

Modem: 2.6

Questions: 2.2

### TEMPERATURES

Sample Chamber = 48.9°C PASSED

Breath Tube = 47.8°C PASSED

### PUMP INFO

Flow Rate = 4.348 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

# VERIFICATION OF CALIBRATION REPORT

*of DataMaster dmt Breath Test Instrument*

*State of Alaska*

Serial #: 100406

*Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program*

Date: 11/17/2025

## External Standard Test Values

### EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080

TARGET AT 29.11: 0.078

LOT #: AG436502

EXPIRATION: 12/30/2026

TANK PRESSURE: 1189 psi

BLANK TEST 0.000 15:28

INTERNAL STANDARD VERIFIED 15:28

Gas Flow Error

## Diagnostic Check

### VERSIONS

DMT: 3.02

PIC: 3.02

Modem: 2.6

Questions: 2.2

### TEMPERATURES

Sample Chamber = 48.7°C PASSED

Breath Tube = 47.1°C PASSED

### PUMP INFO

Flow Rate = 4.447 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

# VERIFICATION OF CALIBRATION REPORT

*of DataMaster dmt Breath Test Instrument*

*State of Alaska*

Serial #: 100406

*Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program*

Date: 11/18/2025

## External Standard Test Values

### EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080  
TARGET AT 29.35: 0.078  
LOT #: AG436502  
EXPIRATION: 12/30/2026  
TANK PRESSURE: 1196 psi

BLANK TEST                      0.000    08:17  
INTERNAL STANDARD            VERIFIED   08:17

Gas Flow Error

## Diagnostic Check

### VERSIONS

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

### TEMPERATURES

Sample Chamber = 49.1°C            PASSED  
Breath Tube      = 47.6°C           PASSED

### PUMP INFO

Flow Rate = 4.627 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