

# Alaska Scientific Crime Detection Laboratory

## DataMaster Evaluation Form

Effective: 1/18/2024

Version: 4.0

Instrument #: 100387

Analyst/Technician(s): Kaija Swisher

Start Date: 6/28/24

Supervised casework with  
Derek Walker JMW 07/10/24

Date Instrument Received: 6/21/24

Reason for instrument evaluation

Diagnostic check failures during VOCs. Internal Standard failed.

### Visual Inspection:

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Clean   | <input checked="" type="checkbox"/> Replace missing screws            |
| <input checked="" type="checkbox"/> Cermetex Box (modem) is secure                            | <input checked="" type="checkbox"/> Ensure modem cable present        |
| <input checked="" type="checkbox"/> Double Check Valve secured to wall                        | <input checked="" type="checkbox"/> All tubing and connections secure |
| <input checked="" type="checkbox"/> O-ring inspection and ensure 2 replacement O-rings in bag |   |
| <input checked="" type="checkbox"/> Attach VOC  | <input type="checkbox"/> VOC Internal Standard $\leq$ 3.00%           |
|   | <input checked="" type="checkbox"/> Verify software version           |

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): 29.69 Temperature (C): 21.6 Relative Humidity (%) 39

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

Notes: Replaced O-Ring. Diagnostic check failed during VOC. Unable to complete VOC.

Attach Non-Drinking Subject Test

### Conclusion:

- |  |                                       |
|--|---------------------------------------|
| <input checked="" type="checkbox"/> Ready for Adjustment | <input type="checkbox"/> Needs Repair |
| <input type="checkbox"/> Ready for Calibration           |                                       |

Lab Work End Date: 6/28/24

Page 1 of 1

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Approved by: Chemistry Supervisor

# VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument

State of Alaska

Serial #: 100387

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Date: 06/28/2024

## External Standard Test Values

## Diagnostic Check

### VERSIONS

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

### TEMPERATURES

Sample Chamber = 48.8°C	PASSED
Breath Tube = 45.9°C	PASSED

### PUMP INFO

Flow Rate = 4.717 L/M	PASSED
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### DETECTOR INFO

PUMP ON	PASSED
PUMP OFF	PASSED

### FILTER INFO

Filter 1	PASSED
Filter 2	PASSED
Filter 3	PASSED

### INTERNAL STANDARD

FAILED

Diagnostic Check Failed