

# Alaska Scientific Crime Detection Laboratory

## DataMaster Evaluation Form

Issued: 05/15/2020  
Effective: 05/15/2020

Version: DMEF 2020 R0  
Status: Active

Instrument # 100363

Start Date: 07/13/21

Analysts: Derek Walton

Reason for instrument evaluation

Filter wheel error

Visual Inspection

Clean

Replace missing screws

Cermetex Box is secure

Ensure modem cable present

Gas Valve upright or secured to wall

All tubing and connections are secure

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

Troubleshooting/Repair

Instrument has not been refurbished. Replaced o-ring.  
Filter wheel assembly feels loose.

Recommend return to factory for refurbishment and filter wheel  
assembly maintenance.

Ran filter test - 35 cycles with 1 error.

VOC (attached)

Internal Standard value  $\leq 3.00\%$  NA - filter wheel error

Verify software version

Return to Factory for Repair

Ready for Calibration

Ready for Certification

Proceed to Close Out

End Date: 07/13/21

# VERIFICATION OF CALIBRATION REPORT

*of DataMaster dmt Breath Test Instrument*

*State of Alaska*

Serial #: 100363

*Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program*

Date: 07/13/2021

## External Standard Test Values

## Diagnostic Check

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

### TEMPERATURES

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

### PUMP INFO

Flow Rate = 4.559 L/M PASSED

### DETECTOR INFO

PUMP ON PASSED  
PUMP OFF PASSED

Filter Wheel Error