

Alaska Scientific Crime Detection Laboratory

DataMaster Evaluation Form

Issued: 04/03/2018  
Effective: 04/04/2018

Version: DMEF2018 R0  
Status: Active

Instrument # 100422

Date: 10/08/20

Analyst: Derech Walton

1. Reason for instrument evaluation

Calibration completed on 9/17/20 but still getting standard out of range on VOC

2. 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

*See eval from 04/03/20  
JMW 10/09/20*

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

4. Troubleshooting/Repair

to JMW 10/09/20  
Recommend return to factory for refurbishment

5. VOC (attached)

6. Internal Standard value  $\leq 3.00\%$  Yes  No

7. Verify software version

*See 9/13/20 eval JMW 10/13/20*

Return to Factory for Repair

Ready for Calibration

Ready for Certification

Proceed to Close Out

# VERIFICATION OF CALIBRATION REPORT

*of DataMaster dmt Breath Test Instrument*

*State of Alaska*

Serial #: 100422

*Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program*

Date: 09/18/2020

## External Standard Test Values

### EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080  
TARGET AT 29.40: 0.079  
LOT #: AG923401  
EXPIRATION: 08/22/2021  
TANK PRESSURE: 1187 psi

BLANK TEST	0.000	08:42
INTERNAL STANDARD	VERIFIED	08:42
EXTERNAL STANDARD	0.087	08:42

Standard Out of Range

## Diagnostic Check

### VERSIONS

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

### TEMPERATURES

Sample Chamber = 48.9°C	PASSED
Breath Tube = 46.5°C	PASSED

### PUMP INFO

Flow Rate = 4.784 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

PASSED