

# Alaska Scientific Crime Detection Laboratory

## DataMaster Evaluation Form

Issued: 7/10/2015  
Effective: 7/10/2015

Version: DMEF2015 R0  
Status: Active

Instrument # 100673

Date: 6/2/17

Analyst: Colleen O'Bryant

1. Reason for instrument evaluation

Static analysis error in the field

2. Visual Inspection

3. Troubleshooting/Repair

(1) Static analysis errors and (2) internal standard errors within 2 weeks prior to being removed from service.

Attempted multiple VOCs upon arrival and both resulted in internal standard errors

4. VOC (attached)

5. Internal Standard value  $\leq 3.00\%$  Yes  No  ~~NA~~

6. Verify software version

Return to Factory for Repair

Ready For Calibration

Ready For Certification

# VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument

State of Alaska

Serial #: 100673

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Date: 06/02/2017

## External Standard Test Values

### EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080  
TARGET AT 29.40: 0.079  
LOT #: AG634001  
EXPIRATION: 12/05/2018  
TANK PRESSURE: 851 psi

BLANK TEST                    0.000    14:11  
INTERNAL STANDARD            ERROR    14:11

Internal Standard Error

## Diagnostic Check

### VERSIONS

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

### TEMPERATURES

Sample Chamber = 48.7°C            PASSED  
Breath Tube       = 48.0°C           PASSED

### PUMP INFO

Flow Rate = 4.195 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 #: 100673

*Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program*

Date: 06/02/2017

## External Standard Test Values

### EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080  
TARGET AT 29.40: 0.079  
LOT #: AG634001  
EXPIRATION: 12/05/2018  
TANK PRESSURE: 856 psi

BLANK TEST                    0.000   14:15  
INTERNAL STANDARD            ERROR   14:15

Internal Standard Error

## Diagnostic Check

### VERSIONS

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

### TEMPERATURES

Sample Chamber = 48.9°C            PASSED  
Breath Tube      = 46.9°C            PASSED

### PUMP INFO

Flow Rate = 4.247 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