

# Alaska Scientific Crime Detection Laboratory

## DataMaster Calibration Form

Issued: 01/27/2012  
Effective: 01/27/2012

Version: DMCAF2012 R0  
Status: Active

Instrument # 100697

Date: 9/18/12

### Reason for Calibration

Interference detected on external standards during linearity  
on cert that was not completed.

#### 1. Wet Bath Simulator Solution

- a. Level 0.100
- b. Manufacturer Guth
- c. Lot 11050
- d. Expiration Date 4/6/13

#### 2. Wet Bath Simulator

- a. Serial Number DR4176
- b. Date Calibrated 02/21/2012

#### 3. Attach Calibration Factors

Ready to certify 9/18/12 BMB

**CALIBRATION FACTORS**

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Alaska Department of Public Safety  
DATAMASTER dmt: 100697  
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Date: 09/18/2012  
Time: 12:41:18

OPERATOR NAME:  
BRANDI BARNETT  
CERTIFICATE #: 7038

Ca = 0.1000  
CAL = 1.000400    0.800 <= CAL < 1.200  
b1 = 0.0006    0.0000 <= b1 < 0.0040  
b2 = 0.0048    0.0010 <= b2 < 0.0100  
b3 = 0.0007    0.0000 <= b3 < 0.0040  
Xq = 0.0864    0.0500 <= Xq < 0.2000  
a21 = 1.129466    1.050 <= a21 < 1.300  
a31 = 0.479692    0.300 <= a31 < 0.800

# VERIFICATION OF CALIBRATION REPORT

of DataMaster and Breath Test Instrument

State of Alaska

Serial #: 100697

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Date: 09/18/2012

## External Standard Test Values

### EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080  
TARGET AT 29.58: 0.079  
LOT #: 02012080A1  
EXPIRATION: 03/01/2014

BLANK TEST	0.000	13:00
INTERNAL STANDARD	VERIFIED	13:00
EXTERNAL STANDARD	0.078	13:00
BLANK TEST	0.000	13:01
EXTERNAL STANDARD	0.078	13:01
BLANK TEST	0.000	13:02
EXTERNAL STANDARD	0.078	13:03
BLANK TEST	0.000	13:03
EXTERNAL STANDARD	0.078	13:04
BLANK TEST	0.000	13:05
EXTERNAL STANDARD	0.078	13:05
BLANK TEST	0.000	13:06

Average = 0.0780  
Std Dev = 0.0000

## Diagnostic Check

### VERSIONS

DMT: 2.00  
PIC: 3.03  
Modem: 2.3  
Questions: 2.2

### TEMPERATURES

Sample Chamber = 48.8°C PASSED  
Breath Tube = 46.5°C PASSED

### PUMP INFO

Flow Rate = 3.732 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

I, Nita J. Bolz, after being first duly sworn, depose and state as follows:

- (1) I am a Forensic Scientist IV at the State of Alaska Scientific Crime Detection Laboratory.
- (2) The Alaska Scientific Crime Detection Laboratory is an entity within the Department of Public Safety.
- (3) I am the Scientific Director of the State Breath Alcohol Program.
- (4) In that capacity, I am responsible for overseeing the Breath Alcohol Program, which includes assuring that instruments are calibrated and maintaining program records.
- (5) The above is a true and accurate verification of calibration, which is performed by the instrument's software, as specified by the State Breath Alcohol Program. Verification of calibration is a regularly conducted and regularly recorded activity of the State Breath Alcohol Program.
- (6) The referenced instrument is certified for evidentiary use in the State of Alaska.

Nita J. Bolz  
Scientific Director  
State Breath Alcohol Program

Subscribed and sworn before me this \_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_

Final page for report

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2/13/2014