

Alaska Scientific Crime Detection Laboratory

DataMaster Calibration Form

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

Version: DMCAF2012 R0
Status: Active

Instrument # 100359

Date: 9/18/12

Reason for Calibration

Standard out of Range in field

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

Alaska Department of Public Safety
DATAMASTER dmt: 100359

Date: 09/18/2012
Time: 15:23:07

OPERATOR NAME:
BRANDI BARNETT
CERTIFICATE #: 7038

Ca = 0.1000
CAL = 0.990036 0.800 <= CAL < 1.200
b1 = 0.0009 0.0000 <= b1 < 0.0040
b2 = 0.0053 0.0010 <= b2 < 0.0100
b3 = 0.0006 0.0000 <= b3 < 0.0040
Xq = 0.0795 0.0500 <= Xq < 0.2000
a21 = 1.151754 1.050 <= a21 < 1.300
a31 = 0.404180 0.300 <= a31 < 0.800

VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument

State of Alaska

Serial #: 100359

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Date: 09/18/2012

External Standard Test Values

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 29.64: 0.079
LOT #: 02012080A1
EXPIRATION: 03/01/2014

BLANK TEST	0.000	15:41
INTERNAL STANDARD	VERIFIED	15:41
EXTERNAL STANDARD	0.078	15:42
BLANK TEST	0.000	15:43
EXTERNAL STANDARD	0.078	15:43
BLANK TEST	0.000	15:44
EXTERNAL STANDARD	0.078	15:44
BLANK TEST	0.000	15:45
EXTERNAL STANDARD	0.078	15:45
BLANK TEST	0.000	15:46
EXTERNAL STANDARD	0.078	15:46
BLANK TEST	0.000	15:47

Average = 0.0780
Std Dev = 0.0000

Diagnostic Check

VERSIONS

DMT: 2.00
PIC: 3.02
Modem: 2.3
Questions: 2.2

TEMPERATURES

Sample Chamber = 48.7°C PASSED
Breath Tube = 47.0°C PASSED

PUMP INFO

Flow Rate = 4.324 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 _____