

Alaska Scientific Crime Detection Laboratory

DataMaster Calibration Form

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

Version: DMCAF2012 R0
Status: Active

Instrument # 100387

Date: 9/18/12

Reason for Calibration

Internal Standard error

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 BNF

CALIBRATION FACTORS

Alaska Department of Public Safety
DATAMASTER dmt: 100387

Date: 09/18/2012
Time: 12:25:22

OPERATOR NAME:
BRANDI BARNETT
CERTIFICATE #: 7038

Ca = 0.1000	
CAL = 0.972401	0.800 <= CAL < 1.200
b1 = 0.0001	0.0000 <= b1 < 0.0040
b2 = 0.0054	0.0010 <= b2 < 0.0100
b3 = 0.0000	0.0000 <= b3 < 0.0040
Xq = 0.0980	0.0500 <= Xq < 0.2000
a21 = 1.168421	1.050 <= a21 < 1.300
a31 = 0.471464	0.300 <= a31 < 0.800

VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument

State of Alaska

Serial #: 100387

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Date: 09/18/2012

External Standard Test Values

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
 TARGET AT 29.61: 0.079
 LOT #: 02012080A1
 EXPIRATION: 03/01/2014

BLANK TEST	0.000	12:51
INTERNAL STANDARD	VERIFIED	12:51
EXTERNAL STANDARD	0.079	12:51
BLANK TEST	0.000	12:52
EXTERNAL STANDARD	0.079	12:52
BLANK TEST	0.000	12:53
EXTERNAL STANDARD	0.078	12:54
BLANK TEST	0.000	12:54
EXTERNAL STANDARD	0.078	12:55
BLANK TEST	0.000	12:56
EXTERNAL STANDARD	0.079	12:56
BLANK TEST	0.000	12:57

Average = 0.0786
 Std Dev = 0.0005

Diagnostic Check

VERSIONS

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

TEMPERATURES

Sample Chamber = 49.1°C	PASSED
Breath Tube = 48.1°C	PASSED

PUMP INFO

Flow Rate = 4.282 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
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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 ____