

# Alaska Scientific Crime Detection Laboratory

## DataMaster Adjustment Form

Effective: 3/20/2025

Version: 3.0

Instrument #: 100411

Analyst: Carlie Glaister

Date: 11/4/25

### Reason for Adjustment

Internal standard errors & detector replacement

### 0.100 Adjustment Simulator Solution

Manufacturer: Life 102

Lot: 25CP411280

Expiration Date: 3/19/27

### 0.100 Adjustment Wet Bath Simulator

Serial Number: DR6267

Verification Performed? ☒

### Calibrated External Thermometer

Serial Number: 250159297

Calibration Due Date: 3/14/27

### Blank (Water) Wet Bath Simulator

Serial Number: DR4176

Verification Performed? ☒

☐ Turn pump on/off in the technician screen to prevent pump error on VOC

☐ Attach "Cal Factors" CLB

☐ Attach Verification of Calibration (VOC) 11/4/25

☐ Internal Standard Value  $\leq 3.00\%$

Unable to complete adjustment due to repeated blank errors. Return to repair.

# CALIBRATION FACTORS

-----  
Alaska Department of Public Safety  
DATAMASTER dmt: 100411  
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Date: 11/04/2025  
Time: 10:34:51

OPERATOR NAME:  
CARLIE GLAISTER  
CERTIFICATE #: 10436

Ca = 0.1000  
CAL = 0.000000 0.800 <= CAL < 1.200  
b1 = 0.0001 0.0000 <= b1 < 0.0040  
b2 = 0.0030 0.0010 <= b2 < 0.0100  
b3 = 0.0000 0.0000 <= b3 < 0.0040  
Xq = 0.1354 0.0500 <= Xq < 0.2000  
a21 = 0.000000 1.050 <= a21 < 1.300  
a31 = 0.000000 0.300 <= a31 < 0.800

Blank Error

Blank error on first adjustment attempt, occurred  
during ethanol simulator analysis,  
Reattempt adjustment. OK 11/4/25

REJECTED

# CALIBRATION FACTORS

Alaska Department of Public Safety  
DATAMASTER dmt: 100411

Date: 11/04/2025  
Time: 10:51:00

OPERATOR NAME:  
CARLIE GLAISTER  
CERTIFICATE #: 10436

Ca = 0.1000  
CAL = 0.000000 0.800 <= CAL < 1.200  
b1 = 0.0980 0.0000 <= b1 < 0.0040  
b2 = 0.1169 0.0010 <= b2 < 0.0100  
b3 = 0.0488 0.0000 <= b3 < 0.0040  
Xq = 0.1321 0.0500 <= Xq < 0.2000  
a21 = 0.000000 1.050 <= a21 < 1.300  
a31 = 0.000000 0.300 <= a31 < 0.800

Adjustment Error

Adjustment error on second adjustment attempt.

Reattempt adjustment again C/O 11/4/25

This is likely due to accidentally connecting  
the 0.100 simulator instead of the DI water  
simulator

# CALIBRATION FACTORS

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Alaska Department of Public Safety  
DATAMASTER dmt: 100411  
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Date: 11/04/2025  
Time: 11:05:17

OPERATOR NAME:  
CARLIE GLAISTER  
CERTIFICATE #: 10436

Ca	=	0.1000		
CAL	=	0.000000	0.800	<= CAL < 1.200
b1	=	0.0004	0.0000	<= b1 < 0.0040
b2	=	0.0032	0.0010	<= b2 < 0.0100
b3	=	0.0003	0.0000	<= b3 < 0.0040
Xq	=	0.1306	0.0500	<= Xq < 0.2000
a21	=	0.000000	1.050	<= a21 < 1.300
a31	=	0.000000	0.300	<= a31 < 0.800

Blank Error

Blank error on third adjustment attempt.  
Attempt adjustment one more time CKG 11/4/25

REJECTED

# CALIBRATION FACTORS

Alaska Department of Public Safety  
DATAMASTER dmt: 100411

Date: 11/04/2025  
Time: 11:41:17

OPERATOR NAME:  
CARLIE GLAISTER  
CERTIFICATE #: 10436

Ca = 0.1000  
CAL = 0.000000 0.800 <= CAL < 1.200  
b1 = 0.0000 0.0000 <= b1 < 0.0040  
b2 = 0.0000 0.0010 <= b2 < 0.0100  
b3 = 0.0000 0.0000 <= b3 < 0.0040  
Xq = 0.1304 0.0500 <= Xq < 0.2000  
a21 = 0.000000 1.050 <= a21 < 1.300  
a31 = 0.000000 0.300 <= a31 < 0.800

Blank Error

Blank error on fourth adjustment attempt. CKB 11/4/25

Reject Adjustment.

Blank errors do not seem to be environmental.

REJECTED

# VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument

State of Alaska

Serial #: 100411

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Date: 11/04/2025

## External Standard Test Values

## Diagnostic Check

### VERSIONS

DMT: 3.02

PIC: 3.02

Modem: 2.6

Questions: 2.2

### TEMPERATURES

Sample Chamber = 49.1°C  
(44.0°C - 52.0°C)

PASSED

Breath Tube = 43.8°C  
(38.0°C - 50.0°C)

PASSED

### SETTINGS

Lamp Voltage = 1.65 V  
(1.02 V - 2.38 V)

PASSED

Cooler Voltage = 1.82 V  
(1.09 V - 2.55 V)

PASSED

Bias Voltage = 80 V  
(48 V - 112 V)

PASSED

Chopper Freq = 521 Hz  
(475 Hz - 575 Hz)

PASSED

Barometer = 29.5 in

### PUMP INFO

Flow Rate = 4.088 L/M  
(3.500 L/M - 6.500 L/M)

PASSED

### DETECTOR INFO

PUMP ON  
(0.002 V <= 0.010 V)

PASSED

PUMP OFF  
(0.002 V <= 0.010 V)

PASSED

### FILTER INFO

Filter 1

PASSED

Filter 2

PASSED

Filter 3

PASSED

### INTERNAL STANDARD

Xq = 0.138 7.22% (0.00% - 4.00%)

FAILED

Diagnostic Check Failed