

# Alaska Scientific Crime Detection Laboratory

## DataMaster Calibration Form

Issued: 4/12/2018  
Effective: 4/13/2018

Version: DMCAF 2018 R0  
Status: Active

Instrument # 100345  
Date: 4/21/20

Analyst Colleen O'Bryant

### Reason for Calibration

Filter Readings were elevated during a  
certification attempt.

#### 1. Wet Bath Simulator Solution

- a. Level 0.100
- b. Manufacturer Guth
- c. Lot 19301
- d. Expiration Date 10/30/21

#### 2. Wet Bath Simulator

- a. Serial Number DR4177
- b. Date Calibrated 10/8/2019

#### 3. Attach Calibration Factors

CALIBRATION FACTORS

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Alaska Department of Public Safety  
DATAMASTER dmt: 100345  
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Date: 04/21/2020  
Time: 08:59:17

OPERATOR NAME:  
COLLEEN S OBRYANT  
CERTIFICATE #: 6237

Ca = 0.1000  
CAL = 0.961339    0.800 <= CAL < 1.200  
b1 = 0.0008    0.0000 <= b1 < 0.0040  
b2 = 0.0048    0.0010 <= b2 < 0.0100  
b3 = 0.0005    0.0000 <= b3 < 0.0040  
Xq = 0.0936    0.0500 <= Xq < 0.2000  
a21 = 1.153238    1.050 <= a21 < 1.300  
a31 = 0.500724    0.300 <= a31 < 0.800