

# Alaska Scientific Crime Detection Laboratory

## DataMaster Calibration Form

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

Version: DMCAF 2018 R0  
Status: Active

Instrument # 100689

Analyst Dereen Walton

Date: 04/01/19

### Reason for Calibration

Internal standard near 3%; interference, blank errors, and  
internal standard errors in field

#### 1. Wet Bath Simulator Solution

- a. Level 0.100
- b. Manufacturer Cotn
- c. Lot 18070
- d. Expiration Date 02/26/2020

#### 2. Wet Bath Simulator

- a. Serial Number DR4162
- b. Date Calibrated 06/04/2018

#### 3. Attach Calibration Factors

CALIBRATION FACTORS

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Alaska Department of Public Safety  
DATAMASTER dmt: 100689  
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Date: 04/01/2019  
Time: 09:20:44

OPERATOR NAME:  
DEREK WALTON  
CERTIFICATE #: 9508

Ca = 0.1000  
CAL = 0.980396    0.800 <= CAL < 1.200  
b1 = 0.0018    0.0000 <= b1 < 0.0040  
b2 = 0.0079    0.0010 <= b2 < 0.0100  
b3 = 0.0017    0.0000 <= b3 < 0.0040  
Xq = 0.0965    0.0500 <= Xq < 0.2000  
a21 = 1.222021    1.050 <= a21 < 1.300  
a31 = 0.538967    0.300 <= a31 < 0.800