

# Alaska Scientific Crime Detection Laboratory

## DataMaster Calibration Form

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

Version: DMCAF 2018 R0  
Status: Active

Instrument # 100391

Analyst Brandi Barnett

Date: 10/29/19

### Reason for Calibration

Interference detected + internal standard errors

#### 1. Wet Bath Simulator Solution

- a. Level 0.100
- b. Manufacturer Guth
- c. Lot 18370
- d. Expiration Date 12/5/20

#### 2. Wet Bath Simulator

- a. Serial Number SD1198
- b. Date Calibrated 3/6/19

#### 3. Attach Calibration Factors

CALIBRATION FACTORS

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Alaska Department of Public Safety  
DATAMASTER dmt: 100391  
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Date: 10/29/2019  
Time: 12:38:08

OPERATOR NAME:  
BRANDI BARNETT  
CERTIFICATE #: 7038

Ca = 0.1000  
CAL = 0.962832    0.800 <= CAL < 1.200  
b1 = 0.0000    0.0000 <= b1 < 0.0040  
b2 = 0.0053    0.0010 <= b2 < 0.0100  
b3 = 0.0001    0.0000 <= b3 < 0.0040  
Xq = 0.0887    0.0500 <= Xq < 0.2000  
a21 = 1.228847    1.050 <= a21 < 1.300  
a31 = 0.494974    0.300 <= a31 < 0.800