

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-12-04 11:14:09

Date of Next Testing: 2027-12-03 11:14:09

Product Name: **Dimethyldimyristylammonium Bromide**

CAS Number: 68105-02-2

Specifications & Purity:  $\geq 97\%$ (T)

Lot #: K2327072

SKU #: **D154852**

Version **1**

Analysis #: **294490**

| Parameter                              | Limit Values                          | Result                                |
|----------------------------------------|---------------------------------------|---------------------------------------|
| Assay(Titration by AgNO <sub>3</sub> ) | 97-102.5 (%)                          | 98.91 %                               |
| Melting point                          | 167-169 (°C)                          | 168.81000 °C                          |
| Appearance (D154852)                   | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |
| Proton NMR spectrum                    | Conforms to Structure                 | Conforms to Structure                 |



John Su  
QA & QC Manager