

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-06-02 18:15:15  
Date of Next Testing: 2030-06-01 18:15:15  
Product Name: **3-(N,N-Dimethylmyristylammonio)propanesulfonate**  
CAS Number: 14933-09-6  
Specifications & Purity:  $\geq 98\%$   
Lot #: F2601151  
SKU #: **M105324**  
Version: **2**  
Analysis #: **714256**  
Storage Temperature: Room temperature

| Parameter  | Limit Values           | Result                 |
|--|------------------------|------------------------|
| Purity(HPLC)   | 98-100 (%)             | 99.73000 %             |
| Water by Karl Fischer  | $\leq 1\%$             | 0.83390 %              |
| Ignition Residue (as sulfate)  | 0-0.1 (%)              | 0.05896 %              |
| Iron(Fe)   | 0-5 (ppm)              | 0.00000 ppm            |
| Heavy metal (as Pb)  | 0-10 (ppm)             | 0.00000 ppm            |
| Appearance (M105324)   | White Powder or Chunks | White Powder or Chunks |
| Proton NMR spectrum  | Conforms to Structure  | Conforms to Structure  |
| Solubility in H <sub>2</sub> O , clear colorless solution at 50mg/ml | pass                   | Pass                   |



John Su  
QA & QC Manager