

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-19 18:23:25  
 Date of Next Testing: 2029-05-18 18:23:25  
 Product Name: **3-(N,N-Dimethylmyristylammonio)propanesulfonate**  
 CAS Number: 14933-09-6  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: E2507392  
 SKU #: **M105324**  
 Version: **2**  
 Analysis #: **485969**  
 Storage Temperature: Room temperature

| Parameter                                                            | Limit Values           | Result                 |
|----------------------------------------------------------------------|------------------------|------------------------|
| Purity(HPLC)                                                         | 98-100 (%)             | 100.00000 %            |
| Water by Karl Fischer                                                | $\leq 1(\%)$           | 0.15100 %              |
| Ignition Residue (as sulfate)                                        | 0-0.1 (%)              | 0.00000 %              |
| 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 |
| Solubility in H <sub>2</sub> O , clear colorless solution at 50mg/ml | pass                   | Pass                   |
| Proton NMR spectrum                                                  | Conforms to Structure  | Conforms to Structure  |



John Su  
QA & QC Manager