

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-09-13 10:47:07

Date of Next Testing: 2027-09-12 10:47:07

Product Name: **3-(N,N-Dimethylmyristylammonio)propanesulfonate**

CAS Number: 14933-09-6

Specifications & Purity:  $\geq 98\%$

Lot #: I2307490

SKU #: **M105324**

Version: **2**

Analysis #: **263419**

Storage Temperature: Room temperature

| Parameter  | Limit Values           | Result                 |
|--|------------------------|------------------------|
| Purity(HPLC)   | 98-100 (%)             | 99.74100 %             |
| Water by Karl Fischer  | $\leq 1\%$             | 0.77090 %              |
| 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 |
| 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