

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-21 19:30:17
Date of Next Testing: 2026-12-20 19:30:17
Product Name: **3-(N,N-Dimethylmyristylammonio)propanesulfonate**
CAS Number: 14933-09-6
Specifications & Purity: $\geq 98\%$
Lot #: L2220247
SKU #: **M105324**
Version: **2**
Analysis #: **166241**
Storage Temperature: Room temperature

| Parameter | Limit Values | Result |
|--|------------------------|------------------------|
| Purity(HPLC) | 98-100 (%) | 99.62500 % |
| Water by Karl Fischer | ≤ 1 (%) | 0.43190 % |
| 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 ₂ O , clear colorless solution at 50mg/ml | pass | Pass |



John Su
QA & QC Manager