

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-11 08:51:32  
 Date of Next Testing: 2029-11-10 08:51:32  
 Product Name: **N,N-Dimethyldodecylamine N-oxide**  
 CAS Number: 1643-20-5  
 Specifications & Purity:  $\geq 95\%$   
 Lot #: K2510650  
 SKU #: **D106281**  
 Version: **0**  
 Analysis #: **596069**  
 Storage Temperature: Store at -20°C, Argon charged

| Parameter                                                     | Limit Values                        | Result                              |
|---------------------------------------------------------------|-------------------------------------|-------------------------------------|
| Purity(Neutralization titration)(calcd.on anh.substance)      | 95-105 (%)                          | 100.79000 %                         |
| Appearance (D106281)                                          | White to Off-White Powder or Chunks | White to Off-White Powder or Chunks |
| Proton NMR spectrum                                           | Conforms to Structure               | Conforms to Structure               |
| Solubility in MeOH , Colorless to Light Yellow,Clear 50 mg/mL | pass                                | Pass                                |



John Su  
QA & QC Manager