

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-04-19 16:36:15
Date of Next Testing: 2028-04-18 16:36:15
Product Name: **N,N-Dimethyl-1-dodecylamine N-oxide**
CAS Number: 1643-20-5
Specifications & Purity: 35% in H₂O
Lot #: D2411421
SKU #: **D196319**
Analysis: **328710**
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter | Limit Values | Result |
|----------------------------|--|--|
| Assay | 34-36 (%) | 35.00 % |
| PH Transition interval | 7-8 | 7.50 |
| (As)Arsenic | 0-2 (ppm) | 1.25 ppm |
| Free amine | 0-0.3 (%) | 0.12 % |
| Heavy metals | 0-20 (ppm) | 15.00 ppm |
| Residual Hydrogen Peroxide | 0-0.1 (%) | 0.06 % |
| Appearance (D196319) | clear colorless to light yellow liquid | clear colorless to light yellow liquid |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager