

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-01-08 19:06:23  
Date of Next Testing: 2029-01-07 19:06:23  
Product Name: **N,N-Dimethyl-1-dodecylamine N-oxide**  
CAS Number: 1643-20-5  
Specifications & Purity: 35% in H<sub>2</sub>O  
Lot #: A2503067  
SKU #: **D196319**  
Version: **0**  
Analysis #: **454437**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Assay	34-36 (%)	35.10000 %
PH Transition interval	7-8	7.60000
(As)Arsenic	0-2 (ppm)	0.36500 ppm
Free amine	0-0.3 (%)	0.01000 %
Heavy metals	0-20 (ppm)	1.53600 ppm
Residual Hydrogen Peroxide	0-0.1 (%)	0.03000 %
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