

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-15 14:54:59
Date of Next Testing: 2029-10-14 14:54:59
Product Name: **N,N-Dimethyl-1-dodecylamine N-oxide**
CAS Number: 1643-20-5
Specifications & Purity: 35% in H₂O
Lot #: A2203469
SKU #: **D196319**
Version: **0**
Analysis #: **587601**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Assay	34-36 (%)	34.89 %
PH Transition interval	7-8	7.56
(As)Arsenic	0-2 (ppm)	1.36 ppm
Free amine	0-0.3 (%)	0.09 %
Heavy metals	0-20 (ppm)	11.30 ppm
Residual Hydrogen Peroxide	0-0.1 (%)	0.02 %
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