

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-26 15:40:44
Date of Next Testing: 2028-09-25 15:40:44
Product Name: **N,N-Dimethyl-1-dodecylamine N-oxide**
CAS Number: 1643-20-5
Specifications & Purity: 35% in H₂O
Lot #: I2424083
SKU #: **D196319**
Version: **0**
Analysis #: **408575**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Assay	34-36 (%)	35.20 %
PH Transition interval	7-8	7.50
(As)Arsenic	0-2 (ppm)	2.00 ppm
Free amine	0-0.3 (%)	0.04 %
Heavy metals	0-20 (ppm)	20.00 ppm
Residual Hydrogen Peroxide	0-0.1 (%)	0.03 %
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