

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-05 14:22:43
 Date of Next Testing: 2028-12-04 14:22:43
 Product Name: **N,N-Dimethyl-1-dodecylamine N-oxide**
 CAS Number: 1643-20-5
 Specifications & Purity: 35% in H₂O
 Lot #: A2127165
 SKU #: **D196319**
 Version: **0**
 Analysis #: **443727**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Assay	34-36 (%)	34.89000 %
PH Transition interval	7-8	7.58000
(As)Arsenic	0-2 (ppm)	0.98000 ppm
Free amine	0-0.3 (%)	0.07800 %
Heavy metals	0-20 (ppm)	9.98000 ppm
Residual Hydrogen Peroxide	0-0.1 (%)	0.03400 %
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