

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-26 16:27:45
 Date of Next Testing: 2028-09-25 16:27:45
 Product Name: **N,N-Dimethyl-1-dodecylamine N-oxide**
 CAS Number: 1643-20-5
 Specifications & Purity: 35% in H₂O
 Lot #: I2424084
 SKU #: **D196319**
 Version: **0**
 Analysis #: **408575**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Assay	34-36 (%)	35.20000 %
PH Transition interval	7-8	7.50000
(As)Arsenic	0-2 (ppm)	2.00000 ppm
Free amine	0-0.3 (%)	0.04000 %
Heavy metals	0-20 (ppm)	20.00000 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