

## Certificate of Analysis

Date of Testing: 2022-09-08 11:17:19  
Date of Next Testing: 2026-09-07 11:17:19  
Product Name: **N,N-Dimethyldodecylamine N-oxide**  
CAS Number: 1643-20-5  
Specifications & Purity: 95%  
Lot #: I2203276  
SKU #: **D106281**  
**Analysis: 110155**  
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(Neutralization titration)(calcd.on anh.substance)	95-105 (%)	104.89 %
Appearance (D106281)	White to Off-White Powder or Chunks	White to Off-White Powder or Chunks
Solubility in MeOH , Colorless to Light Yellow, Clear 50 mg/mL	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager