

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-04-04 17:41:00

Date of Next Testing: 2025-04-03 17:41:00

Product Name: **N,N-Dibutylethanolamine**

CAS Number: 102-81-8

Specifications & Purity: $\geq 98\%$

Lot #: C2224461

SKU #: **N299074**

Version: **1**

Analysis #: **077902**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.92000 %
Water by Karl Fischer	0-3 (%)	0.04000 %
Appearance(N299074)	Colorless to Light orange to Yellow clear liquid	Colorless to Light orange to Yellow clear liquid
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager