

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-19 11:18:20

Date of Next Testing: 2026-12-18 11:18:20

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

CAS Number: 102-81-8

Specifications & Purity: $\geq 99\%$

Lot #: C2115179

SKU #: **N164464**

Version: **0**

Analysis #: **306078**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.32600 %
Appearance (N164464)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager