

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-01 15:30:01

Date of Next Testing: 2026-08-31 15:30:01

Product Name: **N-Butyldiethanolamine**

CAS Number: 102-79-4

Specifications & Purity: $\geq 99\%$

Lot #: H2229068

SKU #: **B299095**

Version: **2**

Analysis #: **125762**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.86000 %
Appearance(B299095)	Colorless to Light yellow clear liquid	Colorless to Light yellow clear liquid
NMR Spectrum 1H	Conforms to structure	Conforms to Structure

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

John Su
QA & QC Manager