

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-03-21 14:48:11  
Date of Next Testing: 2030-03-20 14:48:11  
Product Name: **N-Butyldiethanolamine**  
CAS Number: 102-79-4  
Specifications & Purity:  $\geq 98\%$   
Lot #: C2616068  
SKU #: **B106251**  
Version: **0**  
Analysis #: **679696**  
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.461-1.464	1.46330
Purity(GC)	98-100 (%)	99.42600 %
Density (20°C)	0.97-0.973	0.97100
Purity(Neutralization titration)	97.5-102.5 (%)	99.60000 %
Appearance (B106251)	Colorless to Pale Yellow Viscous Liquid	Colorless to Pale Yellow Viscous Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager