

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-14 15:48:21

Date of Next Testing: 2026-12-13 15:48:21

Product Name: **3-(Dibutylamino)propylamine**

CAS Number: 102-83-0

Specifications & Purity: 97%

Lot #: D1527017

SKU #: **D100545**

Analysis: **168155**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	97.18 %
Refractive index n ₂₀ /D	1.445-1.448	1.45
Density (20°C)	0.826-0.83	0.83
Appearance (D100545)	colorless to pale yellow liquid	colorless to pale yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager