

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-09 14:39:23

Date of Next Testing: 2026-12-08 14:39:23

Product Name: **N,N-Dibutylethylenediamine**

CAS Number: 3529-09-7

Specifications & Purity: >98.0%(GC)

Lot #: L2205309

SKU #: **N159354**

Analysis: **143555**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.69 %
Appearance (N159354)	Colorless to light yellow to orange liquid	Colorless to light yellow to orange 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