

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-21 15:20:31  
Date of Next Testing: 2025-08-10 15:20:31  
Product Name: **1,5-Diazabicyclo[4.3.0]-5-nonene**  
CAS Number: 3001-72-7  
Specifications & Purity: 98%  
Lot #: H2307665  
SKU #: **D111442**  
**Analysis: 254288**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.17%
Refractive index n <sub>20</sub> /D	1.518-1.521	1.52
Appearance (D111442)	colorless to pale yellow liquid	colorless to pale yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager