

Shanghai Aladdin Biochemical Technology Co., LTD  
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

## Certificate of Analysis

Date of Testing: 2023-05-08 13:40:13  
Date of Next Testing: 2025-04-27 13:40:13  
Product Name: **1,5-Diazabicyclo[4.3.0]-5-nonene**  
CAS Number: 3001-72-7  
Specifications & Purity: 98%  
Lot #: L1518009  
SKU #: **D111442**  
Analysis: **219184**

| Parameter                           | Limit Values                    | Result                          |
|-------------------------------------|---------------------------------|---------------------------------|
| Density (20°C)                      | 1.039-1.042                     | 1.04100                         |
| Refractive index n <sub>20</sub> /D | 1.518-1.521                     | 1.51900                         |
| Purity(GC)                          | 98-100 (%)                      | 98.33000 %                      |
| Appearance (D111442)                | colorless to pale yellow liquid | colorless to pale yellow liquid |
| Infrared spectrum                   | Conforms to Structure           | Conforms to Structure           |



John Su  
QA & QC Manager