

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-01-13 13:10:49

Date of Next Testing: 2027-01-13 13:10:49

Product Name:  **$\alpha$ -Pinene**

CAS Number: 80-56-8

Specifications & Purity:  $\geq 98\%$

Lot #: A2510559

SKU #: **P137373**

Version: **0**

Analysis #: **426793**

Storage Temperature: Room temperature

| Parameter                                          | Limit Values          | Result                |
|----------------------------------------------------|-----------------------|-----------------------|
| Purity(GC)                                         | 98-100 (%)            | 99.04700 %            |
| Specific Rotation $[\alpha]_{20/D}(c=\text{Neat})$ | -0.2-0.2 (°)          | -0.03000 °            |
| Appearance (P137373)                               | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum                                  | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager