

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-18 15:35:47

Date of Next Testing: 2026-10-18 15:35:47

Product Name: **α -Pinene**

CAS Number: 80-56-8

Specifications & Purity: $\geq 98\%$

Lot #: J2416557

SKU #: **P137373**

Version: **0**

Analysis #: **423345**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.67000 %
Specific Rotation $[\alpha]_{20/D}(c=\text{Neat})$	-0.2-0.2 ($^{\circ}$)	-0.13100 $^{\circ}$
Appearance (P137373)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager