

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-18 17:22:12

Date of Next Testing: 2025-08-17 17:22:12

Product Name: **α -Pinene**

CAS Number: 80-56-8

Specifications & Purity: 98%

Lot #: H2317069

SKU #: **P137373****Analysis: 159385**

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.13%
Specific Rotation [α] ₂₀ /D(c=Neat)	-0.2-0.2 (°)	0.11°
Appearance (P137373)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager