

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-17 10:21:27

Date of Next Testing: 2024-10-06 10:21:27

Product Name: **(-)- α -Pinene**

CAS Number: 7785-26-4

Specifications & Purity: analytical standard, $\geq 99\%$

Lot #: J22111376

SKU #: **P110875**

Version: **0**

Analysis #: **144910**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.20100 %
Specific Rotation [a] ₂₀ /D(c=Neat)	-52--39 (°)	-40.17500 °
Refractive index n ₂₀ /D	1.464-1.468	1.46510
Appearance (P110875)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager