

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-26 16:43:36
 Date of Next Testing: 2027-07-16 16:43:36
 Product Name: (-)- α -Pinene
 CAS Number: 7785-26-4
 Specifications & Purity: analytical standard, $\geq 99\%$
 Lot #: G2524019
 SKU #: P110875
 Version: 0
 Analysis #: 306201
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.00000 %
Specific Rotation [a] ₂₀ /D(c=Neat)	-52--39 (°)	-50.00000 °
Refractive index n ₂₀ /D	1.464-1.468	1.46500
Appearance (P110875)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager