

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-05-08 14:48:09
 Date of Next Testing: 2029-05-07 14:48:09
 Product Name: **(1S)-(-)- α -Pinene**
 CAS Number: 7785-26-4
 Specifications & Purity: for synthesis
 Lot #: G2318100
 SKU #: **S434091**
 Version: **1**
 Analysis #: **700933**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(GC)	95-100 (%)	98.35000 %
Refractive index n ₂₀ /D	1.464-1.468	1.46500
Specific Rotation [α] ₂₀ /D(c=Neat)	-52~-39 (°)	-44.12000 °
Density (20°C)	0.858-0.862	0.86000
Appearance(S434091)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager