

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-19 17:19:53

Date of Next Testing: 2029-06-18 17:19:53

Product Name: **(1R)-(+)- α -Pinene**

CAS Number: 7785-70-8

Specifications & Purity: $\geq 98\%$

Lot #: F2516463

SKU #: **P397755**

Version: **2**

Analysis #: **532368**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.26400 %
specific rotation $[\alpha]_{20/D}(c=\text{Neat})$	40-47 (°)	40.63500 °
Refractive index $n_{20/D}$	1.4635-1.468	1.46610
Appearance(P397755)	clear colorless to yellow liquid	Clear colorless to yellow Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager