

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-09 13:52:14
 Date of Next Testing: 2029-06-08 13:52:14
 Product Name: **(1R)-(+)- α -Pinene**
 CAS Number: 7785-70-8
 Specifications & Purity: $\geq 98\%$
 Lot #: I2110471
 SKU #: **P397755**
 Version: **2**
 Analysis #: **520684**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.00000 %
specific rotation $[\alpha]_{20/D}(c=\text{Neat})$	40-47 (°)	43.50000 °
Refractive index $n_{20/D}$	1.4635-1.468	1.46600
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