

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-01 09:49:38

Date of Next Testing: 2028-08-31 09:49:38

Product Name: (-)-trans-Caryophyllene

CAS Number: 87-44-5

Specifications & Purity: ≥98%

Lot #: H2528119

SKU #: T334030

Version: 2

Analysis #: 496343

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.35600 %
specific rotation $[\alpha]_{20/D}(c=Neat)$	-12~-7 (°)	-10.33800 °
Appearance(T334030)	Colorless to Light yellow clear liquid	Colorless to Light yellow clear liquid
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Mass spectrum	Confirmed	Confirmed



John Su
QA & QC Manager