

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2026-05-25 17:24:46
Date of Next Testing:	2029-05-24 17:24:46
Product Name:	(-)-trans-Caryophyllene
CAS Number:	87-44-5
Specifications & Purity:	≥98%
Lot #:	E2613545
SKU #	T334030
Version	2
Analysis #:	698749
Storage Temperature:	Room temperature

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.30200 %
specific rotation $[\alpha]_{20/D}(c=Neat)$	-12~-7 (°)	-9.21100 °
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