

Certificate of Analysis

Date of Testing: 2025-05-06 17:42:48
 Date of Next Testing: 2028-05-05 17:42:48
 Product Name: (-)-trans-Caryophyllene
 CAS Number: 87-44-5
 Specifications & Purity: ≥98%
 Lot #: D2521452
 SKU #: T334030
 Version: 2
 Analysis #: 496343
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.36 %
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