

Certificate of Analysis

Date of Testing: 2023-05-06 14:33:05

Date of Next Testing: 2026-05-05 14:33:05

Product Name: (-)-Caryophyllene oxide

CAS Number: 1139-30-6

Specifications & Purity: ≥99.0% (sum of enantiomers, GC)

Lot #: D23211156

SKU #: C345753

Analysis: 202519

Storage Temperature: Store at 2-8°C, Protected from light, Desiccated

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=2 in CHCL ₃)	-73~-69 (°)	-71.72°
Melting point	60-63 (°C)	61.51000 °C
Purity(GC)(sum of enantiomers)	99-100 (%)	99.10%
Appearance(C345753)	Colorless or White Powder or Crystals	Colorless or White Powder or Crystals
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager