

Shanghai Aladdin Biochemical Technology Co., LTD
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Certificate of Analysis

Date of Testing: 2026-03-17 11:50:46
Date of Next Testing: 2028-03-06 11:50:46
Product Name: (R)-(+)-Limonene
CAS Number: 5989-27-5
Specifications & Purity: ≥95%, contains 0.03 % alpha-tocopherol as stabilizer
Lot #: C2611501
SKU #: L106923
Version: 0
Analysis #: 663524
Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(GC)	95-100 (%)	96.10600 %
Density (20°C)	0.841-0.845	0.84400
Refractive index n ₂₀ /D	1.47-1.473	1.47240
Specific Rotation [α] ₂₀ /D(c=1 in MeOH)	102-110 (°)	106.55800 °
Appearance (L106923)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Stabilizer (0.03% tocopherol)	Conforms	Conforms

