

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2025-10-30 18:50:33

Date of Next Testing: 2028-10-29 18:50:33

Product Name: **(R)-(+)-Limonene**

CAS Number: 5989-27-5

Specifications & Purity: technical grade, $\geq 90\%$ (GC), sum of enantiomers

Lot #: J2528147

SKU #: **W13153**

Version: **0**

Analysis #: **600751**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(GC)(sum of enantiomers)	90-100 (%)	95.97 %
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in ethanol})$	107-117 (°)	107.21000 °
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Appearance(W13153)	Colorless Liquid	Colorless liquid

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zou

