

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-08 13:49:05
 Date of Next Testing: 2029-06-07 13:49:05
 Product Name: **(R)-(+)-Limonene**
 CAS Number: 5989-27-5
 Specifications & Purity: technical grade, $\geq 90\%$ (GC), sum of enantiomers
 Lot #: H2328591
 SKU #: **R433044**
 Version: **1**
 Analysis #: **718454**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(GC)(sum of enantiomers)	90-100 (%)	95.97300 %
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in ethanol})$	107-117 (°)	107.20800 °
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Appearance(R433044)	Colorless Liquid	Colorless liquid



John Su
QA & QC Manager