

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-28 15:56:05

Date of Next Testing: 2028-05-27 15:56:05

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

CAS Number: 5989-27-5

Specifications & Purity:  $\geq 95\%$

Lot #: E2527653

SKU #: **R463296**

Version: **3**

Analysis #: **513286**

Storage Temperature: Protected from light, Room temperature, Argon charged

| Parameter                                                | Limit Values           | Result                |
|----------------------------------------------------------|------------------------|-----------------------|
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$ | 102-110 ( $^{\circ}$ ) | 105.01200 $^{\circ}$  |
| Purity(GC)                                               | 95-100 (%)             | 95.52700 %            |
| Appearance(R463296)                                      | Colorless Liquid       | Colorless liquid      |
| Infrared spectrum                                        | Conforms to structure  | Conforms to Structure |



John Su  
QA & QC Manager