

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-07-15 08:49:23  
Date of Next Testing: 2027-07-15 08:49:23  
Product Name: **(R)-(+)-Limonene**  
CAS Number: 5989-27-5  
Specifications & Purity:  $\geq 95\%$   
Lot #: G2408153  
SKU #: **R463296**  
Version: **3**  
Analysis #: **346376**  
Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(GC)	95-100 (%)	96.27400 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	102-110 ( $^{\circ}$ )	109.97000 $^{\circ}$
Appearance(R463296)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager