

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-03-06 17:07:42  
Date of Next Testing: 2026-03-06 17:07:42  
Product Name: **(R)-(+)-Limonene**  
CAS Number: 5989-27-5  
Specifications & Purity: For terpene analysis, > 99.0% (GC)  
Lot #: C2405065  
SKU #: **L128108**  
**Analysis:** **177667**  
Storage Temperature: Protected from light, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] <sub>20</sub> /D(c=10 in EtOH)	108.3-119.7 (°)	111.77°
Purity(GC)	99-100 (%)	99.06 %
Refractive index n <sub>20</sub> /D	1.471-1.474	1.47
Density (20°C)	0.843-0.845	0.84
Appearance (L128108)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager