

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-23 13:00:57
 Date of Next Testing: 2027-04-23 13:00:57
 Product Name: **(R)-(+)-Limonene**
 CAS Number: 5989-27-5
 Specifications & Purity: $\geq 99\%$ (GC), For terpene analysis, > 99.0% (GC)
 Lot #: D2517545
 SKU #: **L128108**
 Version: **1**
 Analysis #: **502810**
 Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in EtOH})$	108.3-119.7 (°)	108.37000 °
Purity(GC)	99-100 (%)	99.50000 %
Refractive index $n_{20/D}$	1.471-1.474	1.47300
Appearance (L128108)	Colorless to Almost colorless clear liquid	Colorless to almost colorless clear liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager