

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-05 11:06:39
 Date of Next Testing: 2026-05-04 11:06:39
 Product Name: **(R)-(+)-Limonene**
 CAS Number: 5989-27-5
 Specifications & Purity: $\geq 95\%$
 Lot #: D2321182
 SKU #: **R463296**
 Version: **3**
 Analysis #: **218149**
 Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(GC)	95-100 (%)	95.20400 %
Specific Rotation $[\alpha]_{20/D(c=10 \text{ in EtOH})}$	108.3-119.7 (°)	108.31000 °
Appearance(R463296)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager