

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-15 09:22:26

Date of Next Testing: 2026-06-14 09:22:26

Product Name: **cis-(-)-Limonene oxide**

CAS Number: 32543-51-4

Specifications & Purity: 90%

Lot #: E2330781

SKU #: **C487025**

Analysis: **214498**

Parameter	Limit Values	Result
Purity(GC)	90-100 (%)	98.00 %
Specific rotation [α] ₂₀ /D(neat)	-50~-38 (°)	-42.00000
NMR Spectrum 1H	Conforms to structure	Conforms to Structure
Appearance(C487025)	Colorless to Light Yellow Liquid	Colorless to light yellow liquid

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager