

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-09-05 17:49:31  
Date of Next Testing: 2026-09-04 17:49:31  
Product Name: **(-)-Isopulegol**  
CAS Number: 89-79-2  
Specifications & Purity:  $\geq 98.0\%$ (GC)  
Lot #: I2201660  
SKU #: **I157505**  
**Analysis: 122280**  
Storage Temperature: Argon charged

| Parameter            | Limit Values                     | Result                           |
|----------------------|----------------------------------|----------------------------------|
| Purity(GC)           | 98-100 (%)                       | 99.72 %                          |
| Appearance (I157505) | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Proton NMR spectrum  | Conforms to Structure            | Conforms to Structure            |

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

John Su  
QA & QC Manager