

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-04-25 09:01:05

Date of Next Testing: 2029-04-24 09:01:05

Product Name: **D-Limonene**

CAS Number: 7705-14-8

Specifications & Purity:  $\geq 95\%$

Lot #: D2622223

SKU #: **D304599**

Version: **1**

Analysis #: **691685**

Storage Temperature: Store at 2-8°C

| Parameter                                   | Limit Values          | Result                |
|---------------------------------------------|-----------------------|-----------------------|
| Purity(GC)                                  | 95-100 (%)            | 98.03600 %            |
| specific rotation $[\alpha]_{20/D(c=Neat)}$ | -90--61 (°)           | -80.19700 °           |
| Proton NMR spectrum                         | Conforms to Structure | Conforms to Structure |

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

John Su  
QA & QC Manager