

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-07-24 18:41:40

Date of Next Testing: 2029-07-23 18:41:40

Product Name: **(R)-(+)-Verbenone**

CAS Number: 18309-32-5

Specifications & Purity:  $\geq 95\%$

Lot #: G2616332

SKU #: **T694123**

Version: **1**

Analysis #: **655940**

Storage Temperature: Room temperature, Argon charged

| Parameter                                                  | Limit Values          | Result                |
|------------------------------------------------------------|-----------------------|-----------------------|
| Purity(GC)                                                 | 95-100 (%)            | 95.88000 %            |
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in CHCL}_3)$ | 210-230 (°)           | 229.15000 °           |
| NMR Spectrum 1H                                            | Conforms to Structure | Conforms to Structure |

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

John Su  
QA & QC Manager