

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-02-28 18:45:26

Date of Next Testing: 2027-02-18 18:45:26

Product Name: **Lupeol**

CAS Number: 545-47-1

Specifications & Purity: analytical standard,  $\geq 98\%$

Lot #: B2526060

SKU #: **L114075**

Version: **3**

Analysis #: **476744**

Storage Temperature: Store at 2-8°C

| Parameter                                                                | Limit Values                          | Result                                |
|--------------------------------------------------------------------------|---------------------------------------|---------------------------------------|
| Purity(HPLC area)                                                        | 98-100 (%)                            | 99.78 %                               |
| Specific Rotation $[\alpha]_{20/D}(c=0.19g/100ml \text{ in Chloroform})$ | 29-33 (°)                             | 32.89000 °                            |
| Appearance (L114075)                                                     | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |
| Proton NMR spectrum                                                      | Conforms to Structure                 | Conforms to Structure                 |

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

John Su  
QA & QC Manager