

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-01-22 10:44:03

Date of Next Testing: 2026-01-21 10:44:03

Product Name: **Δ5,7-cholesterol**

CAS Number: 434-16-2

Specifications &amp; Purity: ≥95%

Lot #: A2410214

SKU #: **C130211**

Version: **1**

Analysis #: **303653**

Storage Temperature: Store at -20°C

| Parameter                                                         | Limit Values                                        | Result                                              |
|-------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|
| Purity(HPLC)                                                      | 95-100 (%)                                          | 99.68200 %                                          |
| Specific Rotation [α] <sub>20</sub> /D(c=1 in CHCL <sub>3</sub> ) | -123--105 (°)                                       | -120.95600 °                                        |
| Appearance (C130211)                                              | White to Light Yellow Flakes,<br>Crystals or Powder | White to Light Yellow Flakes,<br>Crystals or Powder |
| Proton NMR spectrum                                               | Conforms to Structure                               | Conforms to Structure                               |
| Solubility in CHCL <sub>3</sub> , Colorless to Yellow Green       | pass                                                | Pass                                                |
| Clear to Hazy(50mg/ml)                                            |                                                     |                                                     |



John Su  
QA & QC Manager