

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-19 10:44:38

Date of Next Testing: 2027-09-19 10:44:38

Product Name: **5 $\alpha$ -cholestan-3 $\beta$ -ol**

CAS Number: 80-97-7

Specifications & Purity:  $\geq 98\%$

Lot #: B2226480

SKU #: **C130209**

Version: **1**

Analysis #: **573522**

Storage Temperature: Room temperature

| Parameter                                                         | Limit Values              | Result                    |
|-------------------------------------------------------------------|---------------------------|---------------------------|
| Purity(GC)                                                        | 98-100 (%)                | 98.67000 %                |
| Melting point                                                     | 138-143 (°C)              | 142.89000 °C              |
| Specific Rotation [a] <sub>20</sub> /D(c=1 in CHCL <sub>3</sub> ) | 22-27 (°)                 | 24.35000 °                |
| Appearance (C130209)                                              | White to Off-White Powder | White to Off-White Powder |
| Proton NMR spectrum                                               | Conforms to Structure     | Conforms to Structure     |
| Solubility, Colorless and clear (50 mg/ml, CHCl <sub>3</sub> )    | pass                      | Pass                      |



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QA & QC Manager