

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-13 09:41:53

Date of Next Testing: 2029-12-12 09:41:53

Product Name: **Cholesterol**

CAS Number: 57-88-5

Specifications & Purity: AR, ≥95%(HPLC)

Lot #: L2511305

SKU #: **C104028**

Version: **1**

Analysis #: **614521**

Storage Temperature: Protected from light,Store at -20°C,Argon charged

| Parameter                                              | Limit Values                        | Result                              |
|--------------------------------------------------------|-------------------------------------|-------------------------------------|
| Specific Rotation [α] <sub>25</sub> /D(c=2 in Dioxane) | -39.5--34 (°)                       | -36.63°                             |
| Melting point                                          | 148-150 (°C)                        | 148.84000 °C                        |
| Ignition Residue                                       | 0-0.1 (%)                           | 0.00 %                              |
| Purity(HPLC)                                           | 95-100 (%)                          | 99.42700 %                          |
| Loss on drying                                         | 0-1 (%)                             | 0.29 %                              |
| Appearance (C104028)                                   | white to off-white powder or flakes | white to off-white powder or flakes |
| Proton NMR spectrum                                    | Conforms to Structure               | Conforms to Structure               |
| Solubility in hot EtOH , very faint turbidity          | pass                                | Pass                                |



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QA & QC Manager