

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-13 10:48:52  
Date of Next Testing: 2029-12-12 10:48:52  
Product Name: **Cholesterol**  
CAS Number: 57-88-5  
Specifications & Purity: AR, ≥95%(HPLC)  
Lot #: L2511281  
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



John Su  
QA & QC Manager