

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-10 15:07:53

Date of Next Testing: 2028-10-09 15:07:53

Product Name: **Cholesterol**

CAS Number: 57-88-5

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

Lot #: I2429102

SKU # **C104028**

Version **1**

Analysis #: **411954**

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

Parameter	Limit Values	Result
Specific Rotation [α] ₂₅ /D(c=2 in Dioxane)	-39.5--34 (°)	-37.10900 °
Melting point	148-150 (°C)	148.46000 °C
Ignition Residue	0-0.1 (%)	0.00000 %
Purity(HPLC)	95-100 (%)	98.37100 %
Loss on drying	0-1 (%)	0.23287 %
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