

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-12-20 09:49:17  
Date of Next Testing: 2027-12-19 09:49:17  
Product Name: **Cholesterol**  
CAS Number: 57-88-5  
Specifications & Purity: Analytical Reagent, >95.0%(HPLC)  
Lot #: L2318351  
SKU #: **C104028**  
**Analysis:** **301551**  
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] <sub>25</sub> /D(c=2 in Dioxane)	-39.5--34 (°)	-35.55°
Melting point	148-150 (°C)	149.21000 °C
Ignition Residue	0-0.1 (%)	0.09 %
Purity(HPLC)	95-100 (%)	99.62900 %
Loss on drying	0-1 (%)	0.35 %
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