

Certificate of Analysis

Date of Testing: 2023-12-20 10:43:02

Date of Next Testing: 2027-12-19 10:43:02

Product Name: **Cholesterol**

CAS Number: 57-88-5

Specifications & Purity: Analytical Reagent, >95.0%(HPLC)

Lot #: L2318353

SKU #: **C104028**

Analysis: **301551**

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

Parameter	Limit Values	Result
Specific Rotation [α] ₂₅ /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