

Certificate of Analysis

Date of Testing: 2023-04-10 18:35:15

Date of Next Testing: 2027-04-09 18:35:15

Product Name: **Cholesterol**

CAS Number: 57-88-5

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

Lot #: D2303556

SKU #: **C104028**

Analysis: **164620**

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

Parameter	Limit Values	Result
Specific Rotation [α] ₂₅ /D(c=2 in Dioxane)	-39.5--34 (°)	-38.61 °
Melting point	148-150 (°C)	148.92000 °C
Ignition Residue	0-0.1 (%)	0.00 %
Purity(HPLC)	95-100 (%)	98.04900 %
Loss on drying	0-1 (%)	0.36 %
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