

Certificate of Analysis

Date of Testing: 2025-07-02 09:38:51
Date of Next Testing: 2029-07-01 09:38:51
Product Name: **Cholesterol**
CAS Number: 57-88-5
Specifications & Purity: AR, ≥95%(HPLC)
Lot #: F2520315
SKU #: **C104028**
Version: **1**
Analysis #: **486428**
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 (°)	-36.70°
Melting point	148-150 (°C)	148.71000 °C
Ignition Residue	0-0.1 (%)	0.08 %
Purity(HPLC)	95-100 (%)	99.72000 %
Loss on drying	0-1 (%)	0.24 %
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