

Certificate of Analysis

Date of Testing: 2022-08-02 10:53:00
Date of Next Testing: 2026-08-01 10:53:00
Product Name: **Cholesterol**
CAS Number: 57-88-5
Specifications & Purity: Analytical Reagent, >95.0%(HPLC)
Lot #: G2226253
SKU #: **C104028**
Analysis: **096319**
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₅ /D(c=2 in Dioxane)	-39.5--34 (°)	-37.16°
Melting point	148-150 (°C)	149.49000 °C
Purity(HPLC)	95-100 (%)	97.51100 %
Loss on drying	0-1 (%)	0.50 %
Ignition Residue	0-0.1 (%)	0.00 %
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