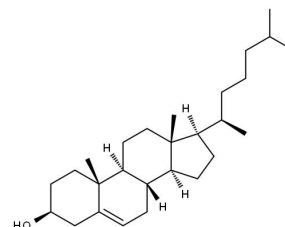


Technical Data Sheet

Cholesterol

Compound Information

Product Name:	Cholesterol
CAS No.:	57-88-5
Molecular Formula:	C ₂₇ H ₄₆ O
Molecular Weight:	386.65
Storage:	Store at RT
Revision Date:	2026-04-15



Analytical Information

Tests	Specifications
Appearance	White sheet crystals or fine white crystalline powder
Solubility	H ₂ O: 0.002 mg/mL
Solubility (Turbidity)	No deposit or turbidity is formed in Alcohol
Melting Point	148-150 °C
Heavy Metals	≤20 ppm
Acidity	≤ 0.3 mL
Specific Rotation	[α] ₂₀ D= -34 to -38 °
LOD	≤ 0.1%
Pseudomonas Aeruginosa	Negative
Residue On Ignition	≤ 0.1%
Purity by GC	95 - 102%
Specification Reference	Ultra Pure
Additional Information	Identification : To pass test, For Laboratory Use Only
1H NMR	Pass test
13C NMR	Pass test
IR	Pass test
Raman	Pass test

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