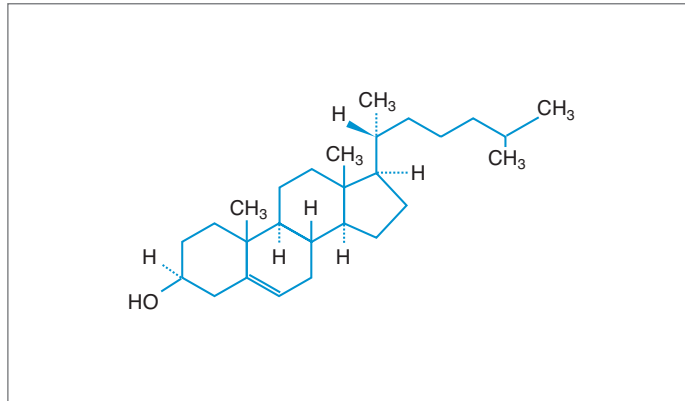


CHOLESTEROL NF

Structural Formula



Molecular Weight	(C ₂₇ H ₄₆ O) = 386.67																				
CAS No.	57-88-5																				
Description	Cholesterol NF is a white, almost odourless, crystalline powder, which is made by extraction and refining processes from woolgrease. Cholesterol NF is soluble in most common organic solvents and vegetable oils; insoluble in water. As an anti-oxidant 50-350 ppm α-tocopherol is added.																				
Specifications	<table border="0"> <tr> <td>Cholesterol (GC), in %</td> <td>: ≥ 95</td> </tr> <tr> <td>Total sterol (GC), in %</td> <td>: ≥ 99</td> </tr> <tr> <td>Melting range, in °C</td> <td>: 147 - 150</td> </tr> <tr> <td>Solubility in alcohol</td> <td>: no deposit or turbidity</td> </tr> <tr> <td>Specific Rotation, in degrees</td> <td>: - 34 / -38</td> </tr> <tr> <td>Loss on Drying, in %</td> <td>: ≤ 0.3</td> </tr> <tr> <td>Residue on ignition, in %</td> <td>: ≤ 0.1</td> </tr> <tr> <td>Acidity, in ml</td> <td>: ≤ 0.3</td> </tr> <tr> <td>Identification (A+B).</td> <td>: pass</td> </tr> <tr> <td>Organic Volatile Impurities</td> <td>: method IV <467>, pass</td> </tr> </table>	Cholesterol (GC), in %	: ≥ 95	Total sterol (GC), in %	: ≥ 99	Melting range, in °C	: 147 - 150	Solubility in alcohol	: no deposit or turbidity	Specific Rotation, in degrees	: - 34 / -38	Loss on Drying, in %	: ≤ 0.3	Residue on ignition, in %	: ≤ 0.1	Acidity, in ml	: ≤ 0.3	Identification (A+B).	: pass	Organic Volatile Impurities	: method IV <467>, pass
Cholesterol (GC), in %	: ≥ 95																				
Total sterol (GC), in %	: ≥ 99																				
Melting range, in °C	: 147 - 150																				
Solubility in alcohol	: no deposit or turbidity																				
Specific Rotation, in degrees	: - 34 / -38																				
Loss on Drying, in %	: ≤ 0.3																				
Residue on ignition, in %	: ≤ 0.1																				
Acidity, in ml	: ≤ 0.3																				
Identification (A+B).	: pass																				
Organic Volatile Impurities	: method IV <467>, pass																				
Application	Cholesterol is widely used as an emulsifying agent in cosmetic and pharmaceutical preparations. Cholesterol functions as an excellent moisturizer in skin conditioning cosmetics. Furthermore, Cholesterol is used as the basic material for the synthesis of vitamin D ₃ and liquid crystals.																				
Packing	Fibre drums containing 50 kg nett in plastic foil.																				
Storage	To avoid contamination keep the drums well closed.																				