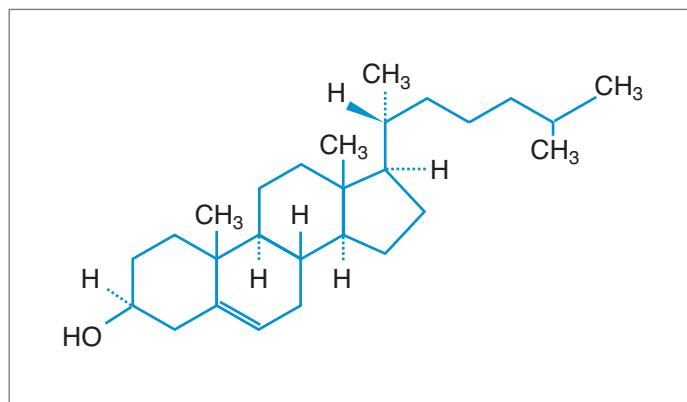


CHOLESTEROL HP

(CHOLESTEROL NF)

Structural Formula



Molecular Weight	(C ₂₇ H ₄₆ O) = 386.67																																				
CAS No.	57-88-5																																				
Description	Cholesterol HP is a white, almost odourless, crystalline powder, which is made by extraction and refining processes from woolgrease, exclusively from Australia and/or New Zealand. Cholesterol HP is soluble in most common organic solvents and vegetable oils; insoluble in water.																																				
Specifications	<table border="0"> <tr> <td>Cholesterol (GC), in %m/m</td> <td>99.0 - 101.0</td> </tr> <tr> <td>Total sterol (GC), in %m/m</td> <td>≥ 99.5</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 %m/m</td> <td>≤ 0.05</td> </tr> <tr> <td>Acidity in ml 0.1 N H₂SO₄ /g</td> <td>max 0.3</td> </tr> <tr> <td>Residue on ignition, in %m/m</td> <td>≤ 0.1</td> </tr> <tr> <td>Heavy metals total (mg/kg):</td> <td>max. 10</td> </tr> <tr> <td>Total aerobic microbial count (cfu/g):</td> <td>max. 100</td> </tr> <tr> <td>Pesticides OP:</td> <td>not detectable</td> </tr> <tr> <td>Pesticides OC:</td> <td>not detectable</td> </tr> <tr> <td>Benzoylurea, in µg/kg each</td> <td>max. 50</td> </tr> <tr> <td>Peroxide (meq active oxygen/kg):</td> <td>≤ 10</td> </tr> <tr> <td>Endotoxins (EU/g):</td> <td>≤ 100</td> </tr> <tr> <td>Solvent (Headspace), in ppm:</td> <td>≤ 50</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 %m/m	99.0 - 101.0	Total sterol (GC), in %m/m	≥ 99.5	Melting range, in °C:	147 - 150	Solubility in alcohol:	no deposit or turbidity	Specific Rotation, in degrees:	-34/-38	Loss on Drying, in %m/m	≤ 0.05	Acidity in ml 0.1 N H ₂ SO ₄ /g	max 0.3	Residue on ignition, in %m/m	≤ 0.1	Heavy metals total (mg/kg):	max. 10	Total aerobic microbial count (cfu/g):	max. 100	Pesticides OP:	not detectable	Pesticides OC:	not detectable	Benzoylurea, in µg/kg each	max. 50	Peroxide (meq active oxygen/kg):	≤ 10	Endotoxins (EU/g):	≤ 100	Solvent (Headspace), in ppm:	≤ 50	Identification (A+B):	pass	Organic Volatile Impurities:	Method IV <467>, pass
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Application	Cholesterol HP is used as component of liposomes for pharmaceutical use as a carrier for medicines and diagnostic substances																																				
Packing	Aluminium laminated bags, packed under nitrogen.																																				
Storage	To avoid contamination keep the bags well closed. Cholesterol HP is guaranteed until re-test date if kept in the original, unopened packing in a cool dry place. After opening: Store in freezer.																																				