

Product Specification

Trade name **Cholesterol** INCI Name: **Cholesterol**CAS #: **57-88-5** EINECS: 204-353-2**CHARACTERISTIC****SPECIFICATION**

Appearance

White powder

Melting point

147°C-150°C

Cholesterol content

≥95%

Solubility

Clear and no deposit

Identification

- A. Infrared Absorption<197A>
B. Meets the requirements of the test for optical Rotation<781>
C. Meets three requirements of the test for Melting Range

Impurities

Desmosterol ≤3.0%

Lathosterol ≤2.0%

Total impurities including related sterols ≤5.0%

Specific Rotation

-34° ~ -38°

Acidity

≤0.3ml

Residue on Ignition

≤0.1%

Loss on Drying

≤0.30%

Solubility in Alcohol

500mg sample dissolve in 50ml of warm alcohol in stoppered flask or cylinder, and allow to stand at room temperature for 2 hours. No Deposit or turbidity is formed