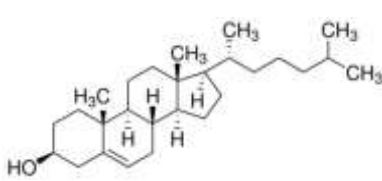




# Product Specification

cdhfinechemical.com

## CHOLESTEROL

|                                                                                     |                                                                                   |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| PRODUCT CODE                                                                        | 052475                                                                            |
| SYNONYMS                                                                            | --                                                                                |
| C.I. NO.                                                                            | --                                                                                |
| CASR NO.                                                                            | 57-88-5                                                                           |
| ATOMIC OR MOLECULAR FORMULA                                                         | C <sub>27</sub> H <sub>46</sub> O                                                 |
| ATOMIC OR MOLECULAR WEIGHT                                                          | 386.66                                                                            |
| PROPERTIES                                                                          | Sparingly soluble in water; moderately soluble in hot alcohol; Soluble in benzene |
|  |                                                                                   |
| PARAMETER                                                                           | LIMIT                                                                             |
| Description                                                                         | White crystalline powder.                                                         |
| Solubility                                                                          | Soluble in hot alcohol.                                                           |
| Identification                                                                      | Passes test.                                                                      |
| Minimum assay (GC)                                                                  | 95.0%                                                                             |
| Melting range                                                                       | 147°- 150°C                                                                       |
| Specific rotation [α] <sub>D</sub> <sup>20</sup> (C = 2, dioxane)                   | - 34° to - 38.0°                                                                  |
| MAXIMUM LIMIT OF IMPURITIES                                                         |                                                                                   |
| Loss on drying (4 hrs, 60°C under vacuum)                                           | 0.3%                                                                              |
| Sulphated ash                                                                       | 0.1%                                                                              |
| Note(s) : Assay (if applicable) method mentioned.                                   |                                                                                   |
| WARNING                                                                             | IMDG Code :                                                                       |
| Hazard statements: Not hazarous. No hazards.                                        | UN No. :                                                                          |
| Precautionary statements                                                            | IATA :                                                                            |
| Prevention: ----                                                                    |                                                                                   |
| Response: .....                                                                     |                                                                                   |
| Disposal: .....                                                                     |                                                                                   |
| Hazard Pictogram(s) :-                                                              |                                                                                   |

Replace date 04-OCT-2025