

# CHOLECALCIFEROL

(Crystalline Vitamin D<sub>3</sub>)  
USP/FCC/IP/Ph.Eur.

**Synonyms:** Vitamin D<sub>3</sub>, Cholecalciferol, Colecalciferol, Activated 7-Dehydrocholesterol.

**Chemical Name:** (5Z,7E)-(3S)-9,10-secocholesta-5,7,10(19)-trien-3β-ol

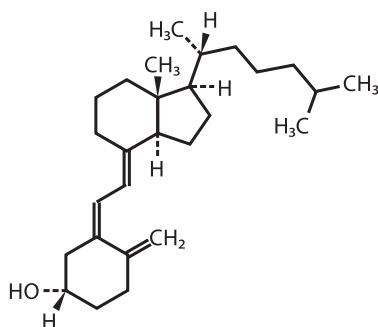
**Molecular Formula :** C<sub>27</sub>H<sub>44</sub>O

**Molecular Weight :** 384.64

**CAS No. :** 67-97-0

**EINECS No. :** 200-673-2

**Structural Formula:**



**Description:** White or almost white crystals. Practically insoluble in water. Freely soluble in ethanol (96%) and fatty oils.

**Specifications:** Crystalline Vitamin D<sub>3</sub> meets the requirements of USP, Ph. Eur., FCC and IP (1 gram Cholecalciferol equals 40,000,000 IU of Vitamin D<sub>3</sub>)

**Assay:** 97% to 103% as per USP / IP / FCC  
97% to 102% as per Ph. Eur

**Certifications:** Certificate of suitability by EDQM, Kosher, Halal, HACCP, ISO 9001:2008, ISO 14001:2004, BS OHSAS 18001:2007, WHO-GMP Vegetarian Certificate, FAMI QS.

**Regulatory Submissions:** CEP, US FDA DMF, Health Canada DMF, EFSA Dossier.

**Pack Size:** Packed under vacuum in 10gm and 100gm glass ampoules. Packed under inert gas in 100gm, 250gm and 1 kg Aluminium Bottles and in 10 gm, 50 gm, 100 gm, 250gm, 1 kg LDPE Bags.

**Shelf Life:** 36 months in glass ampoule and aluminium bottle. Proposed retest period of 36 months in LDPE bag.

**Storage:** Store in an air tight container, under nitrogen, protected from light, at a temperature of 5±3° C. The contents of an opened container are to be used immediately.

**Applications:** Pharmaceutical, Food, Veterinary & Feed Industries.

**Note:** Please refer the Material Safety Data Sheet before handling the product.



CERTIFICATE OF SUITABILITY BY EDQM



Manufactured by :

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