

CHOLECALCIFEROL

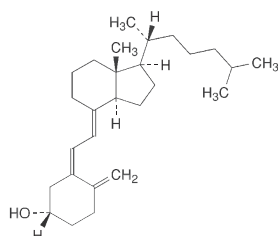
(Crystalline Vitamin D₃)

USP/BP/IP/Ph.Eur.

Synonyms: Vitamin D₃, Cholecalciferol, Colecalciferol, Activated 7-Dehydrocholesterol, Cholecalciferolum.

Chemical Name: (5Z,7E)-9,10-secocholesta-5,7,10 (19)-trien-3β-ol
 Molecular Formula : C₂₇H₄₄O
 Molecular Weight : 384.64
 CAS No. : 67-97-0
 EINECS No. : 200-673-2

Structural Formula:



Description: White or almost white crystals. Insoluble in water, soluble in ethanol and fatty oils.

Specifications: Crystalline Vitamin D₃ meets the requirements of USP, Ph. Eur., BP and IP (1 gram Cholecalciferol equals 40,000,000 IU of Vitamin D₃)

Assay: 97 % to 103 %.

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

Pack Size: Packed under vacuum in 10 gm and 100 gm glass ampoules. Packed under Argon gas in 250 gm, 1 kg and 5 kg aluminum bottles.

Shelf Life: 36 months in glass ampoules or 24 months retest date in aluminum bottles from the date of manufacture.

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
 NO. RO-CEP 2007-292-REV 01



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