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CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2023

Re-test Date: Jun 2026

Product Name: Cholecalciferol (In House Standard)

Identification:

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

Synonyms : Cholecalciferol; Duphafrol D3
1000; Delsterol; Deparal; Ebivit;
Oleovitamin D3; Provitina;
Ricketon; Vi-De3; Videkhol;
Vigorsan; Vitamin D3

CAS Number : 67-97-0

CAT Number : CP-C127000

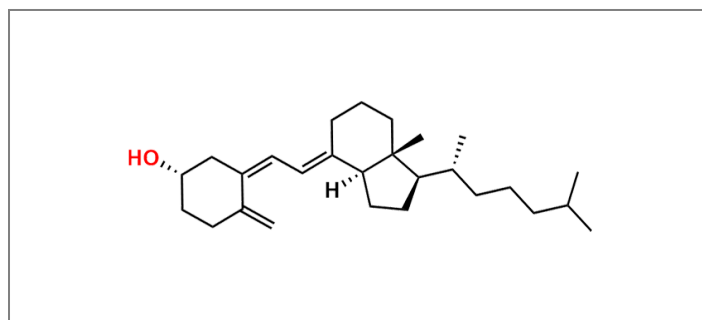
Molecular Formula : C₂₇H₄₄O

Molecular Weight : 384.64

Batch Number : CP-CHO-IN-0723

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	Hygroscopic Yellow Sticky Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.76%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	0.415%
8)	Potency by TGA	99.34%



Prepared and Reviewed By

A handwritten signature in blue ink, appearing to be "Priyanka Salunkhe".

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

A handwritten signature in blue ink, appearing to be "Rohini Gagare".

Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.