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CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2024

Re-test Date: Sep 2027

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

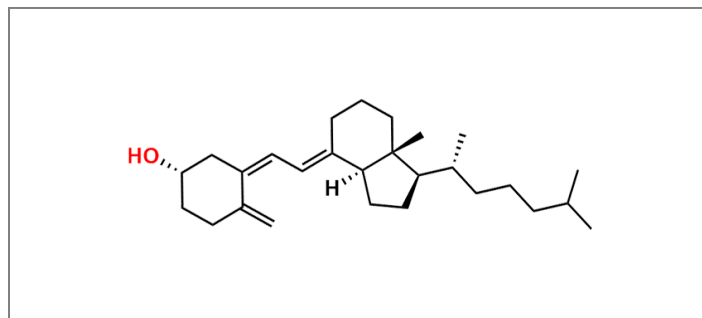
Molecular Formula : C₂₇H₄₄O

Molecular Weight : 384.64

Batch Number : CP-CHO-IN-1024

Storage Condition : Tightly closed, Inert atmosphere at -20° C

Shipping condition : At low temperature with dry ice and ice pack gel



Analytical Information:

| Sr. No. | Test | Result |
|---------|--------------------|--------------------------|
| 1) | Description | White Solid |
| 2) | Solubility | Soluble in Methanol/DMSO |
| 3) | MASS By LCMS | Confirm to structure |
| 4) | Purity By HPLC | 99.59 % |
| 5) | ¹ H NMR | Confirm to structure |
| 6) | Weight loss by TGA | 0.076 % |
| 7) | Potency by TGA | 99.51 % |



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

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