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CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2025

Re-test Date: Feb 2027

Product Name: Cholecalciferol EP Impurity A

Identification:

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

Synonyms : Trans-Cholecalciferol ; Trans-Vitamin D3

CAS Number : 22350-41-0

CAT Number : CP-C127001

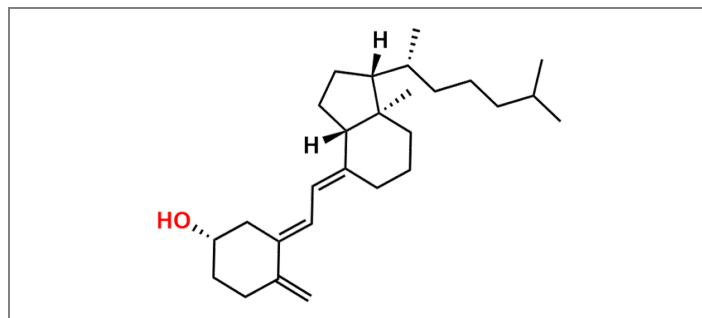
Molecular Formula : C₂₇H₄₄O

Molecular Weight : 384.65

Batch Number : CP-CHO-A-0325

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	>98%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to Structure
7)	IR	Confirm to Structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

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