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CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2025

Re-test Date: Nov 2028

Product Name: 3-beta-7-Dehydro Cholesterol

Identification:

Chemical Name: (3S,9S,10R,13R,14R,17R)-10,13-Dimethyl-17-((R)-6-methylheptan-2-yl)-2,3,4,9,10,11,12,13,14,15,16,17-dodecahydro-1H-cyclopenta[a]phenanthren-3-ol

Synonyms : Cholesta-5,7-dien-3-beta-ol ; 7-Dehydrocholesterol;Cholecalciferol
Impurity B

CAS Number : 434-16-2

CAT Number : CP-C71006

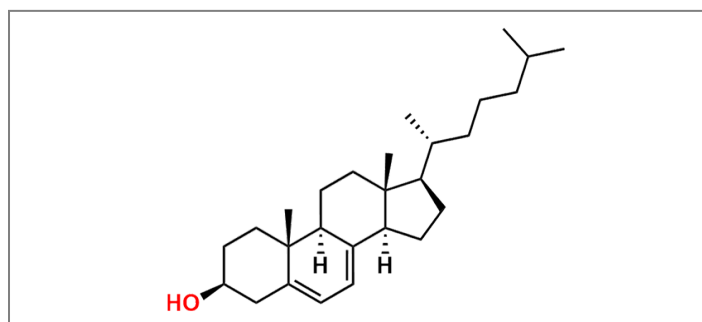
Molecular Formula : C₂₇H₄₄O

Molecular Weight : 384.64

Batch Number : CP-CHO-BDH-1225

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	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	Mass Spectrometry	Confirm to structure
4)	Purity By HPLC	99.84%
5)	¹ HNMR	Confirm to structure
6)	Weight loss by TGA	-
7)	Potency	-



Prepared and Reviewed By



Mr. Shubham Bondre
(Quality Control)

Approved By



Mr. Abhijit Kale
(Quality Assurance)

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