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CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2024

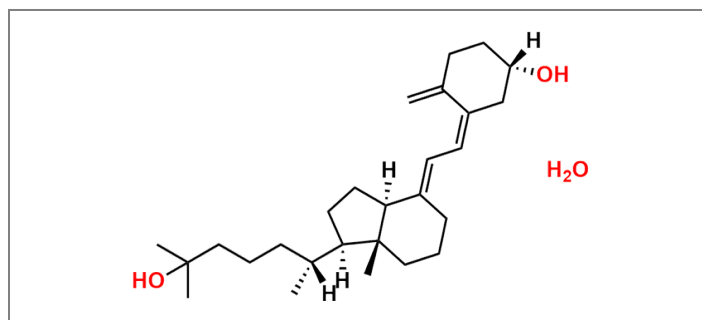
Re-test Date: Feb 2027

Product Name: Calcifediol Monohydrate (In House Standard)

Identification:

Chemical Name: (3S,5Z,7E)-9,10-Secocholesta-5,7,10(19)-triene-3,25-diol monohydrate

Synonyms : NA
CAS Number : 63283-36-3
CAT Number : CP-C167000
Molecular Formula : C₂₇H₄₄O₂ : H₂O
Molecular Weight : 400.65 : 18.0
Batch Number : CP-CAL-INM-0324
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	99.83%
5)	H1NMR	Confirm to structure
6)	13CNMR	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.