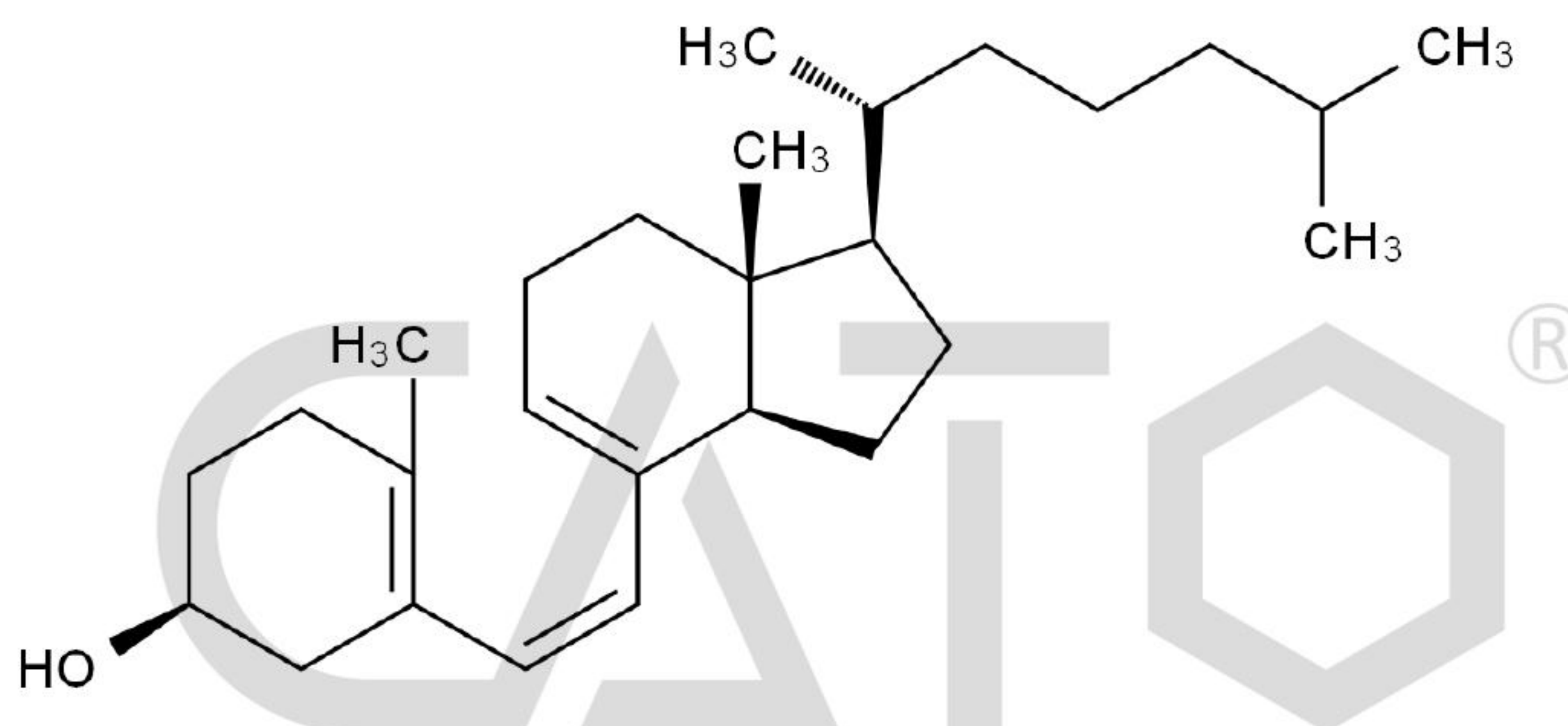


Certificate of Analysis

Reference Material & Standard

Product Name:	Precalciferol (Previtamin D3)	Catalogue Number:	C4X-15866
Synonyms:	N/A	Lot Number:	0924-RH-0054
CAS Number:	1173-13-3	Expiry Date:	Oct 23, 2026
Molecular Formula:	C ₂₇ H ₄₄ O	Storage:	-80°C±5°C Protected from light and Sealed
Molecular Weight:	384.64	Shipping Condition:	Shipping with Dry Ice

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Oil
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.052%
Residue on Ignition	TGA	0.5478%
Loss on Drying	TGA	3.5043%
Assay	Mass Balance	93.1%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Residue on Ignition - Loss on Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Sep 30, 2026

Date: Sep 30, 2026

Date: Sep 30, 2026



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