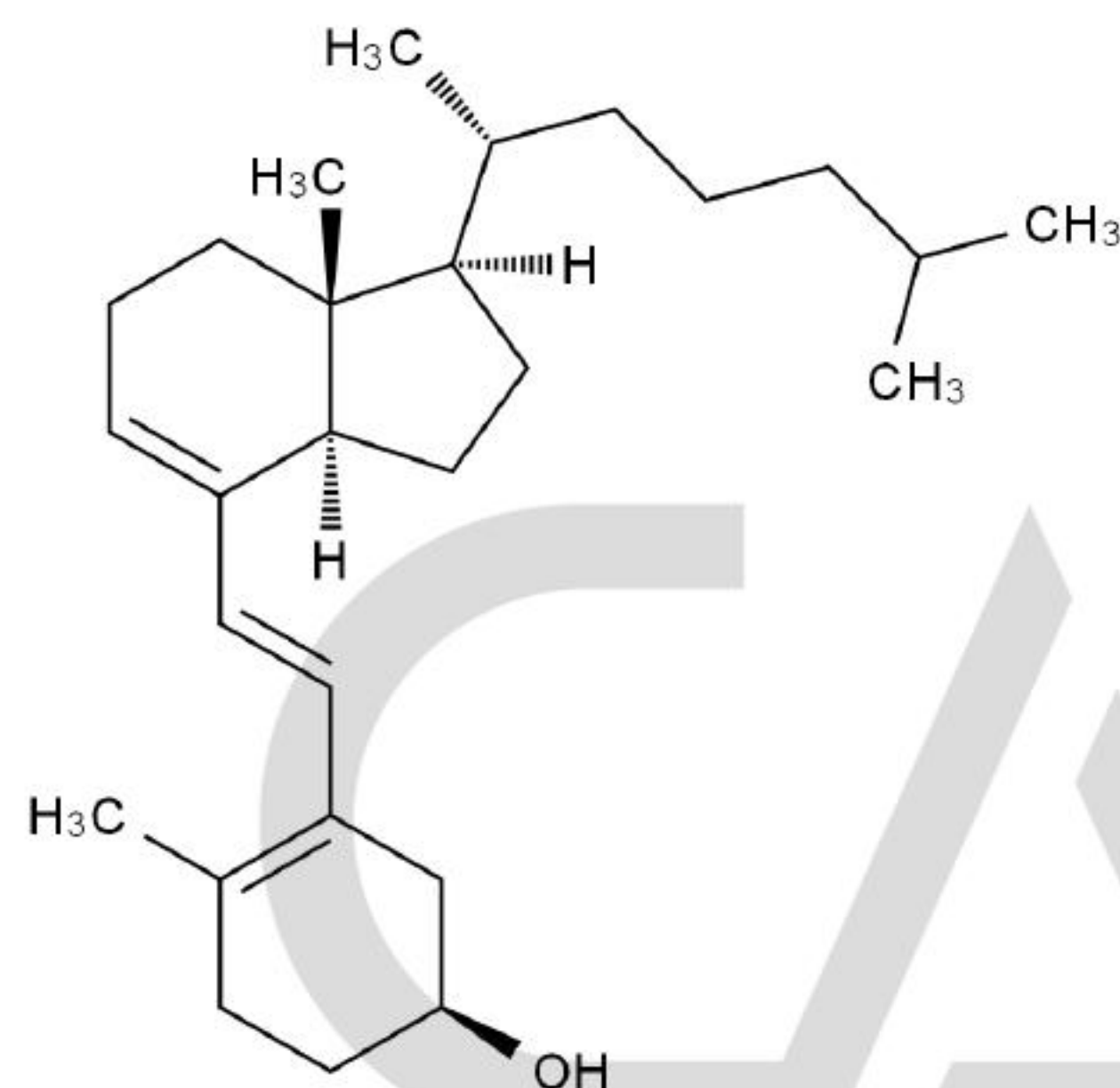


Certificate of Analysis

Reference Material & Standard

Product Name:	Cholecalciferol EP Impurity E	Catalogue Number:	C4X-15865
Synonyms:	N/A	Lot Number:	0907-RH-0049
CAS Number:	17592-07-3	Expiry Date:	Dec 01, 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	Pale Yellow Gel
Identification	HRMS&UV&HNMR	Confirmed
Purity	HPLC	96.206%
Water Content	Karl Fischer	0.21%
Residual Solvents	NMR	2.15% dichloromethane
Assay		93.9%

Comment:

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

Assay (%) = (100%-Water Content-Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Sep 08, 2026

Date: Sep 08, 2026

Date: Sep 08, 2026



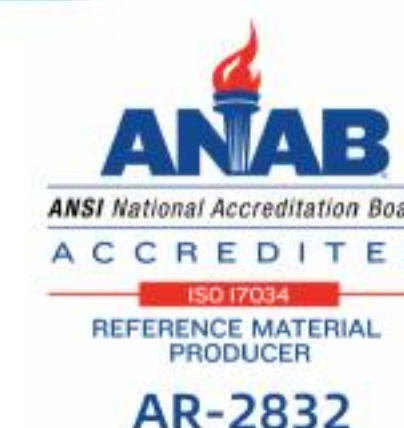
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Page 1 of 6



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