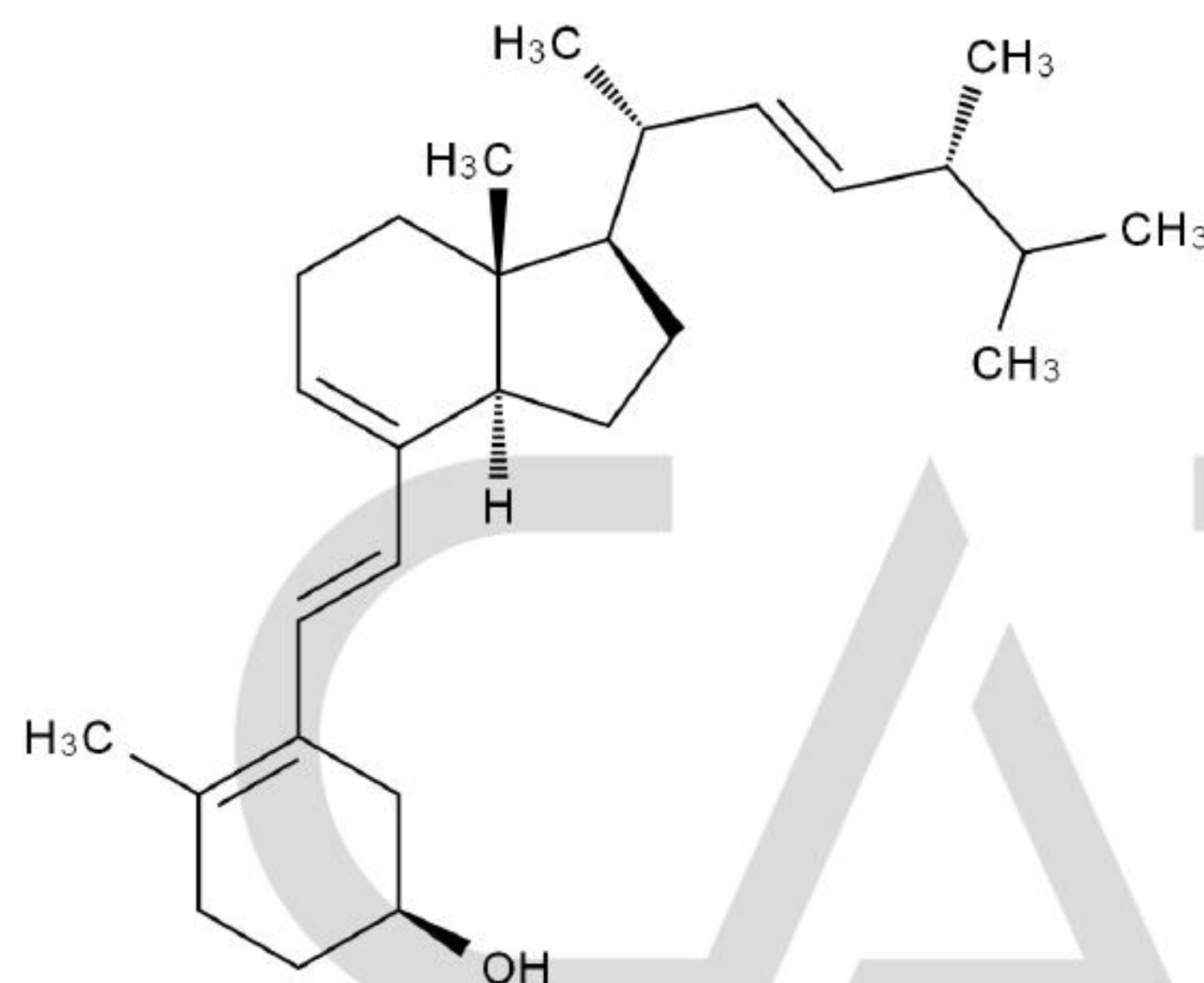


Certificate of Analysis

Reference Material & Standard

Product Name:	Ergocalciferol EP Impurity E	Catalogue Number:	C4X-17795
Synonyms:	N/A	Lot Number:	0802-RH-0080
CAS Number:	115-61-7	Expiry Date:	Nov 03, 2026
Molecular Formula:	C ₂₈ H ₄₄ O	Storage:	-80°C±5°C Protected from light and Sealed
Molecular Weight:	396.65	Shipping Condition:	Shipping with Dry Ice

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Gel
Identification	HRMS&UV&HNMR	Confirmed
Purity	HPLC	96.467%
Water Content	Karl Fischer	0.20%
Residual Solvents	NMR	2.36% dichloromethane
Assay		94.0%

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: Aug 04, 2026

Date: Aug 04, 2026

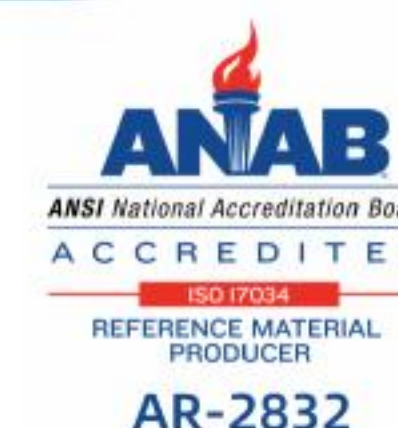
Date: Aug 04, 2026

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