

Certificate of Analysis

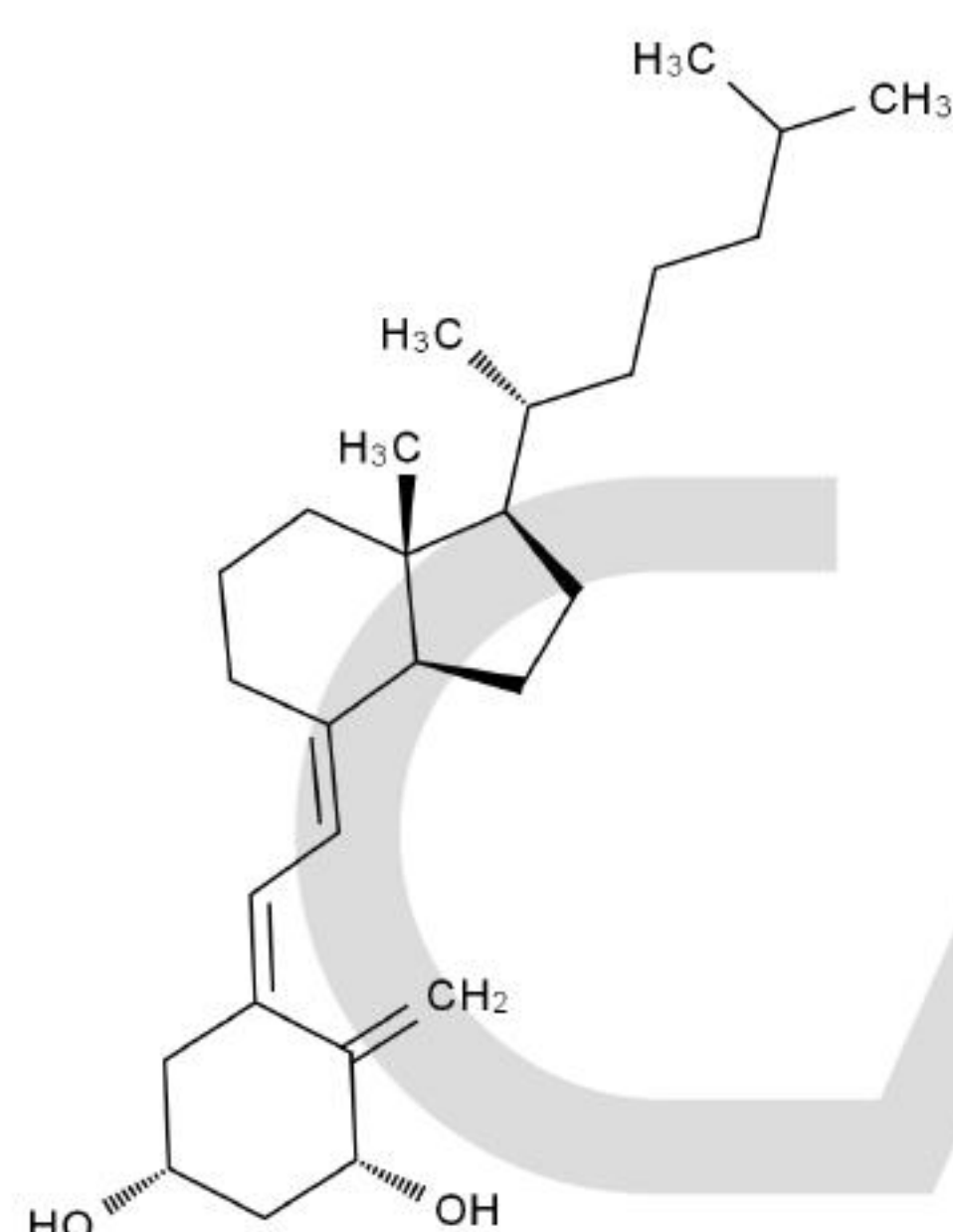
Reference Material & Standard

Product Name:	Alfacalcidol EP Impurity B	Catalogue Number:	C4X-13932
Synonyms:	N/A	Lot Number:	1125-RG-0022
CAS Number:	63181-13-5	Expiry Date:	Dec 10, 2029
Molecular Formula:	C ₂₇ H ₄₄ O ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	400.64	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	HRMS&CNMR&HNMR	Confirmed
Purity	HPLC	98.0821%
Loss On Drying	TGA	4.1568%
Assay		94.0%

Comment:

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

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Dec 11, 2025

Date: Dec 12, 2025

Date: Dec 12, 2025



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

