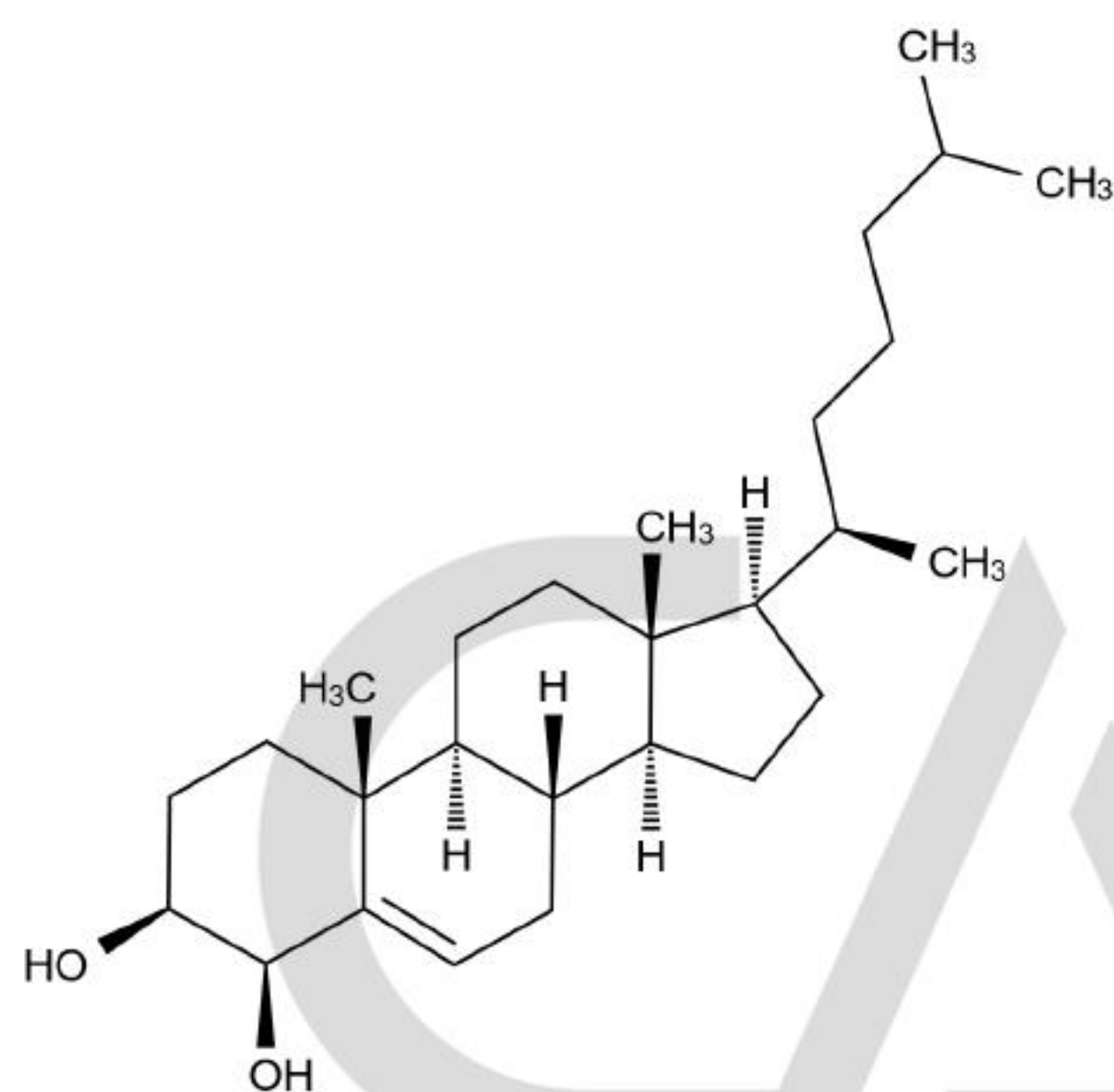


Certificate of Analysis

Reference Material & Standard

Product Name:	4 β -Hydroxycholesterol	Catalogue Number:	C1377459
Synonyms:	N/A	Lot Number:	0218-RG-0118
CAS Number:	17320-10-4	Expiry Date:	Feb 27, 2028
Molecular Formula:	C ₂₇ H ₄₆ O ₂	Storage:	-20°C $\pm$ 5°C Protected from light and Sealed
Molecular Weight:	402.65	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	85.812%
Loss On Drying	TGA	0.0286%
Assay		85.8%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

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

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

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Feb 28, 2025

Date: Feb 28, 2025

Date: Feb 28, 2025

