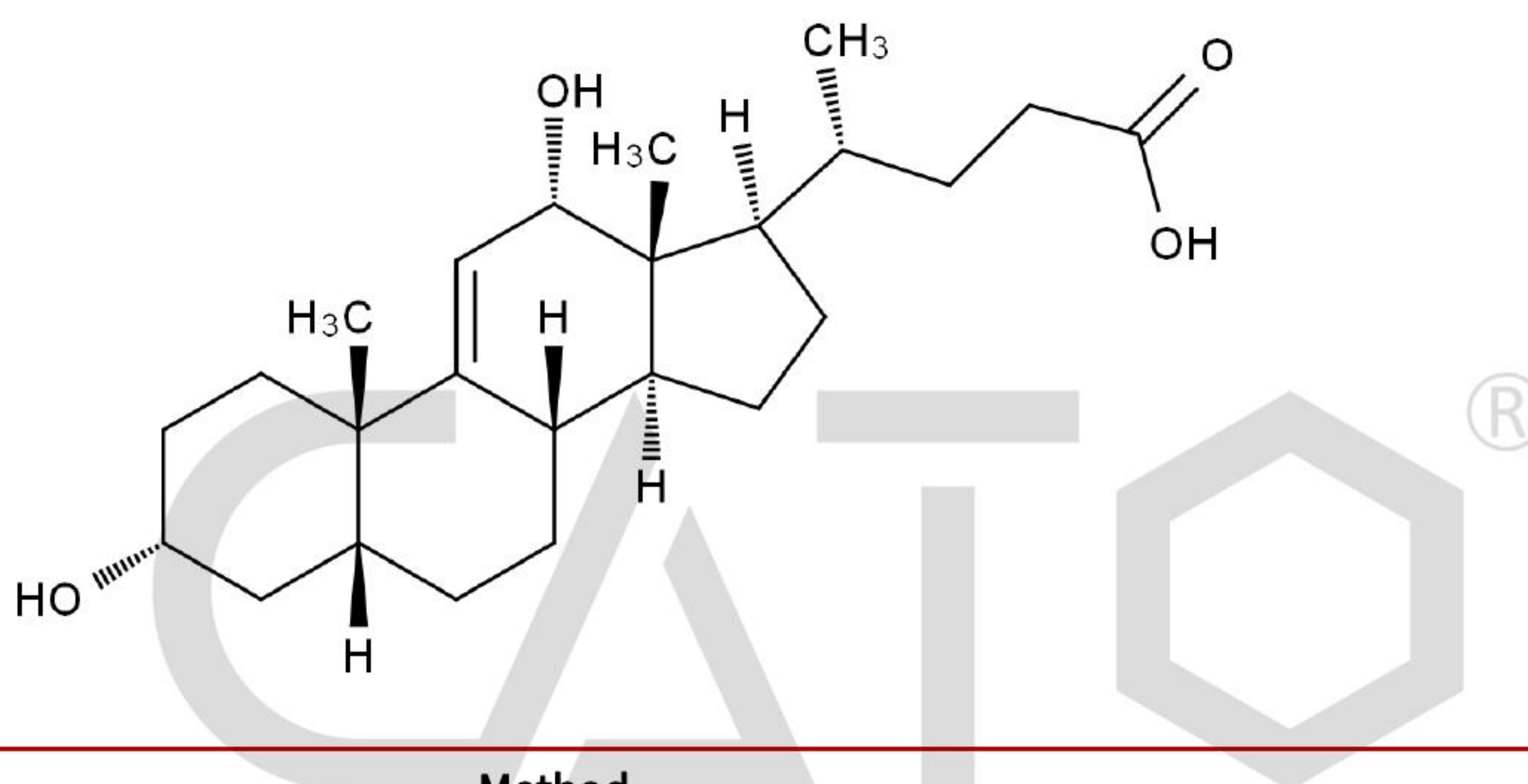


Certificate of Analysis

Reference Material & Standard

Product Name:	Cholic Acid Impurity 20	Catalogue Number:	C4X-116020
Synonyms:	N/A	Lot Number:	0626-RG-0022
CAS Number:	24637-46-5	Expiry Date:	Jun 29, 2028
Molecular Formula:	C ₂₄ H ₃₈ O ₄	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	390.56		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.82%
Loss On Drying	TGA	0.9721%
Assay		97.9%

Comment:

The calculation of the 100% 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: Jun 30, 2025

Date: Jun 30, 2025

Date: Jun 30, 2025

