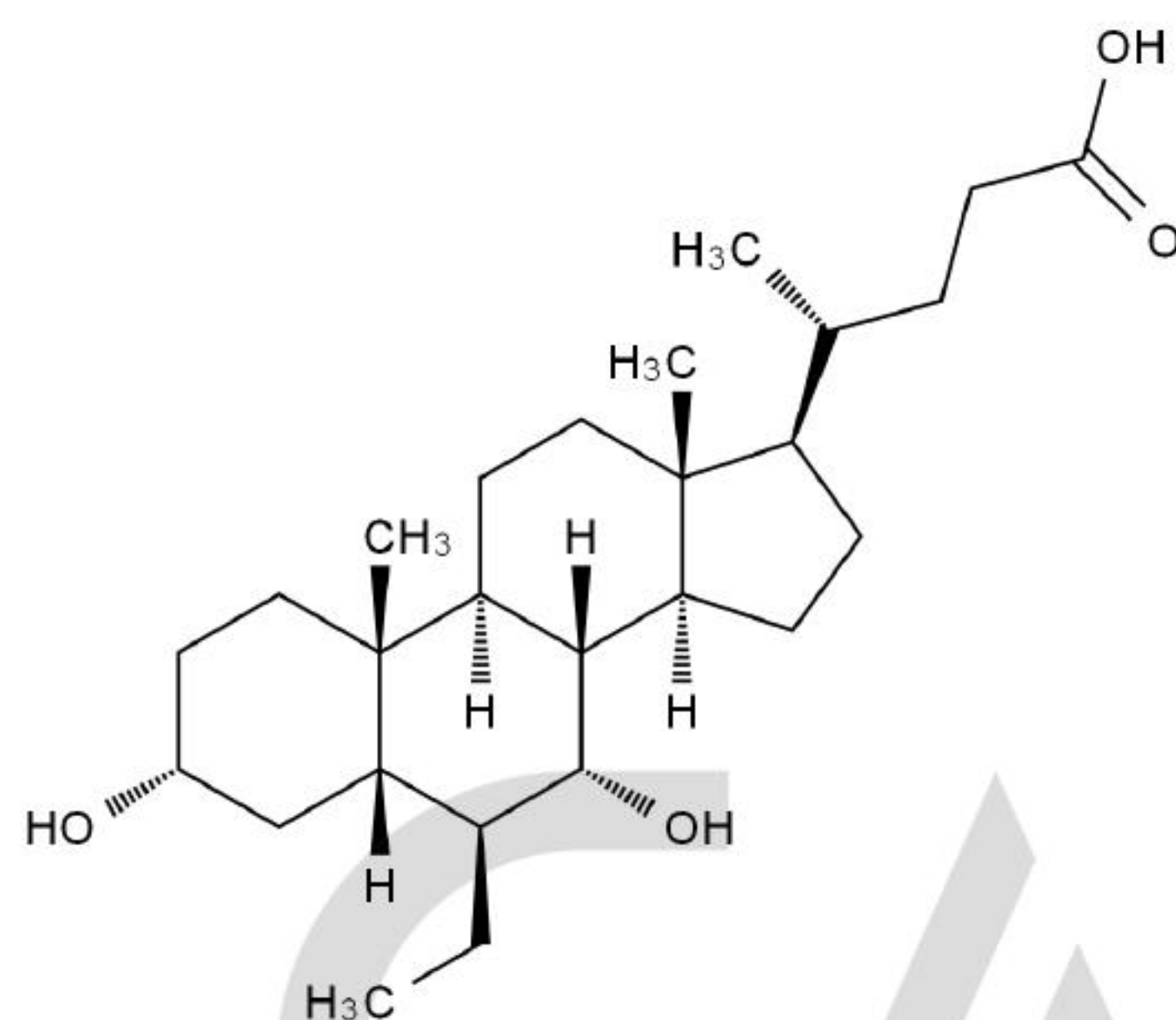


Certificate of Analysis

Reference Material

Product Name:	Obeticholic Acid Impurity 2	Catalogue Number:	C4X-11532
Chemical Name:	N/A	Lot Number:	0828-RE-0031
CAS Number:	915038-27-6	Expiry Date:	Aug 31, 2026
Molecular Formula:	C ₂₆ H ₄₄ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	420.63		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	99.4247%
Loss On Drying	TGA	3.0980%
Assay		96.3%

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:

Lily

Reviewed by:

Hinlam

Aporoved by General manager:

David

Date: Sep 01, 2023

Date: Sep 05, 2023

Date: Sep 05, 2023

