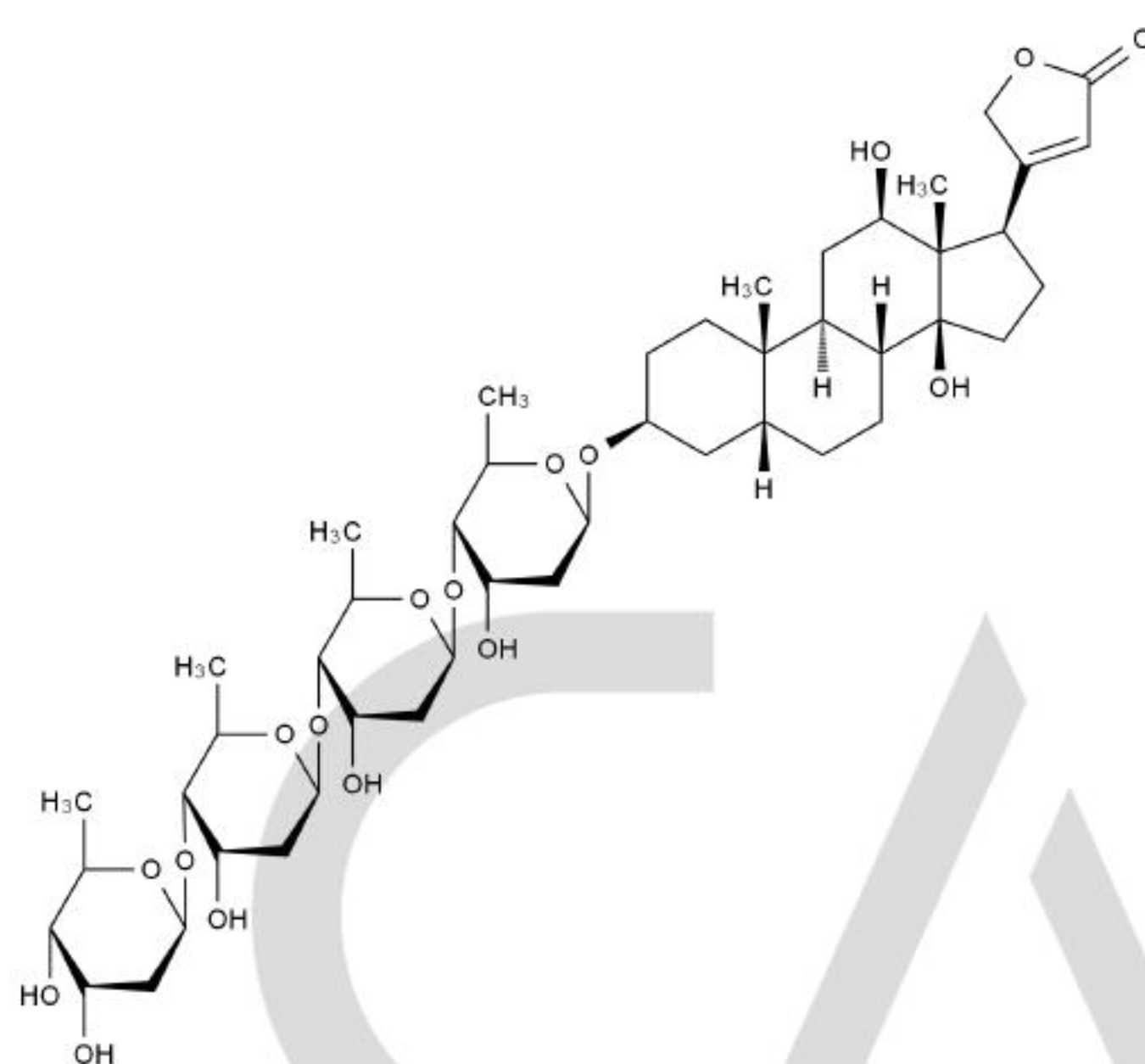


Certificate of Analysis

Reference Material & Standard

Product Name:	Digoxin EP Impurity K	Catalogue Number:	C4X-193210
Synonyms:	Digoxigenin Tetradigitoxoside	Lot Number:	0616-RG-0135
CAS Number:	31539-05-6	Expiry Date:	Jun 12, 2030
Molecular Formula:	C ₄₇ H ₇₄ O ₁₇	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	911.08		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	97.38%
Residue on Ignition	TGA	3.9508%
Loss On Drying	TGA	4.1447%
Assay		89.5%

Comment:

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

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

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Jun 19, 2025

Date: Jun 19, 2025

Date: Jun 19, 2025

