

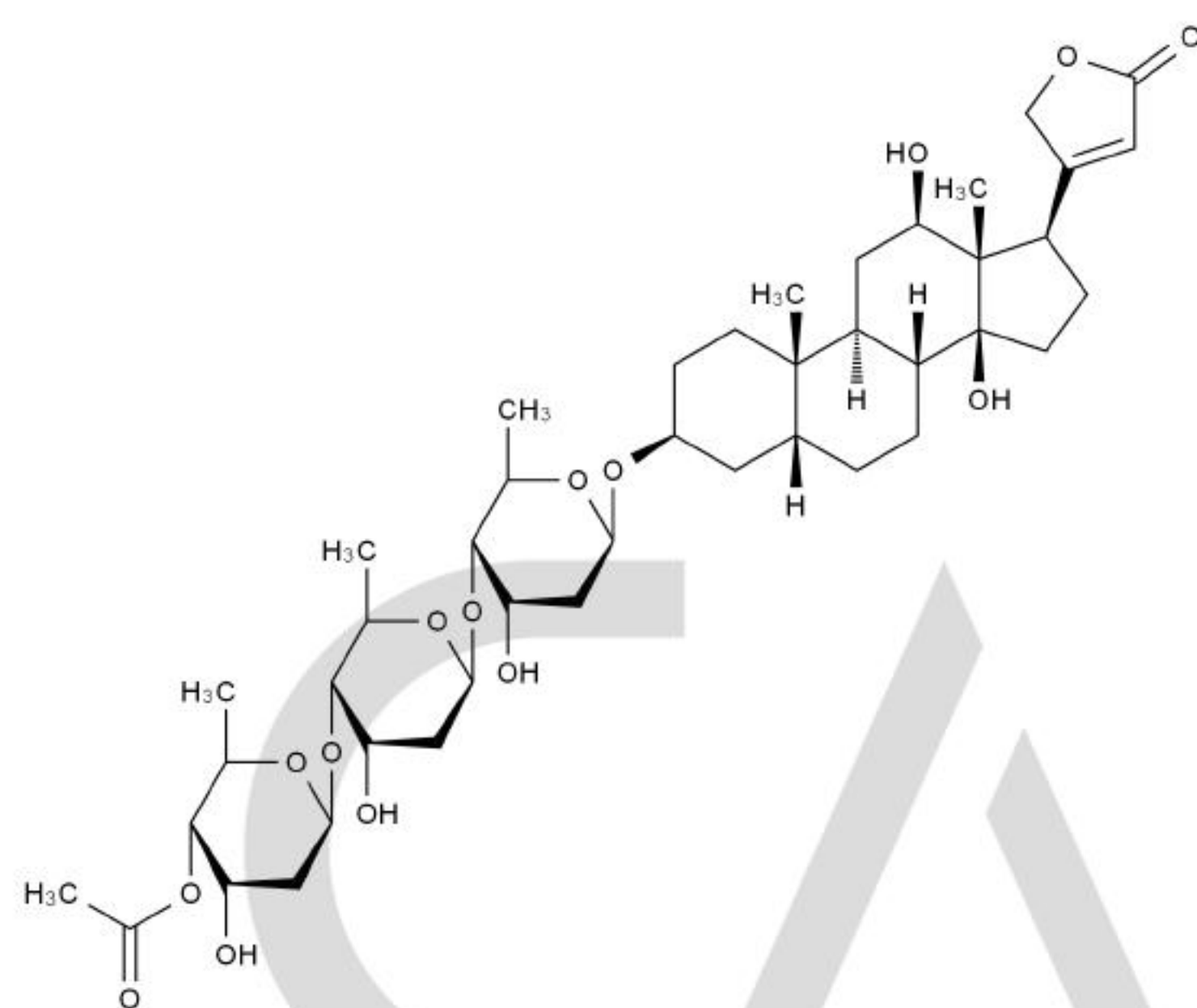
Certificate of Analysis

Reference Material & Standard

Product Name:	Digoxin EP Impurity J	Catalogue Number:	C4X-19323
Synonyms:	β -acetyldigoxin	Lot Number:	0716-RF-0053
CAS Number:	5355-48-6	Expiry Date:	Jul 17, 2027
Molecular Formula:	C ₄₃ H ₆₆ O ₁₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	822.98	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.568%
Loss On Drying	TGA	0.2731%
Assay		98.3%

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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jul 18, 2024

Date: Jul 18, 2024

Date: Jul 18, 2024

