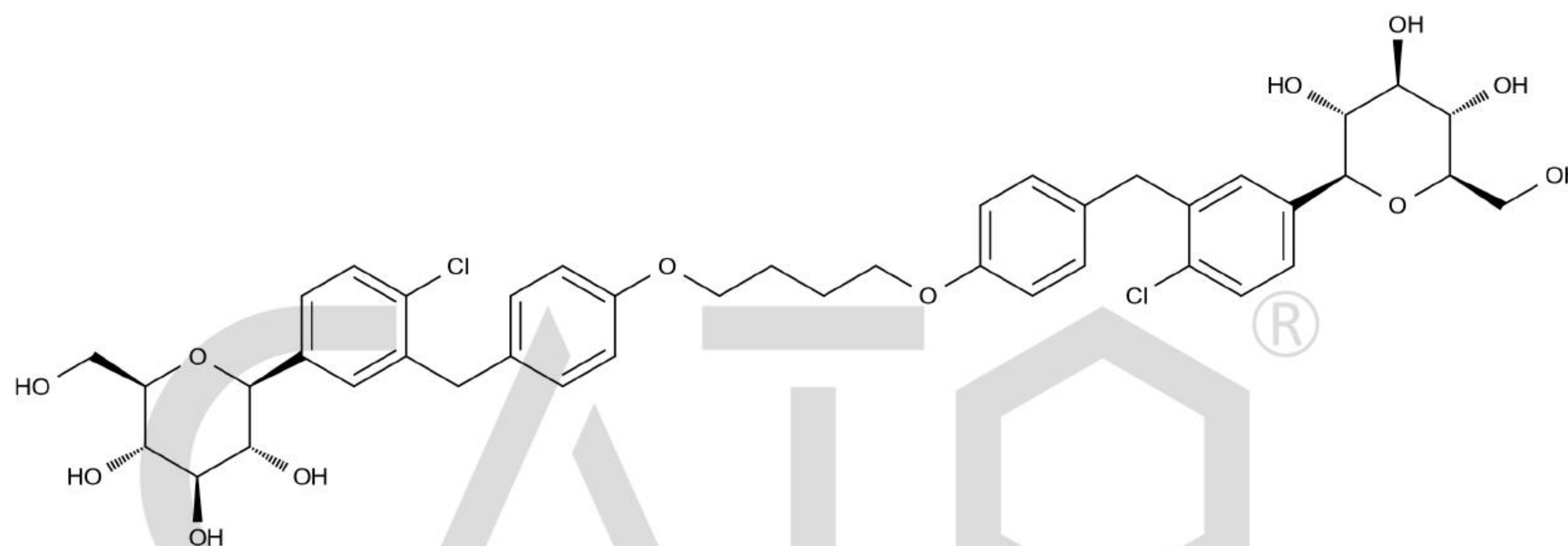


Certificate of Analysis

Reference Material & Standard

Product Name:	Empagliflozin Impurity 309	Catalogue Number:	C4X-1065309
Synonyms:	N/A	Lot Number:	0228-RH-0018
CAS Number:	N/A	Expiry Date:	Jan 06, 2029
Molecular Formula:	C ₄₂ H ₄₈ Cl ₂ O ₁₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	815.73	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.28%
Loss On Drying	TGA	1.603%
Assay		96.7%

Comment:

The calculation of the mass balance 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:

Reviewed by:

Approved by General Manager:

Date: Mar 09, 2026

Date: Mar 10, 2026

Date: Mar 10, 2026



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