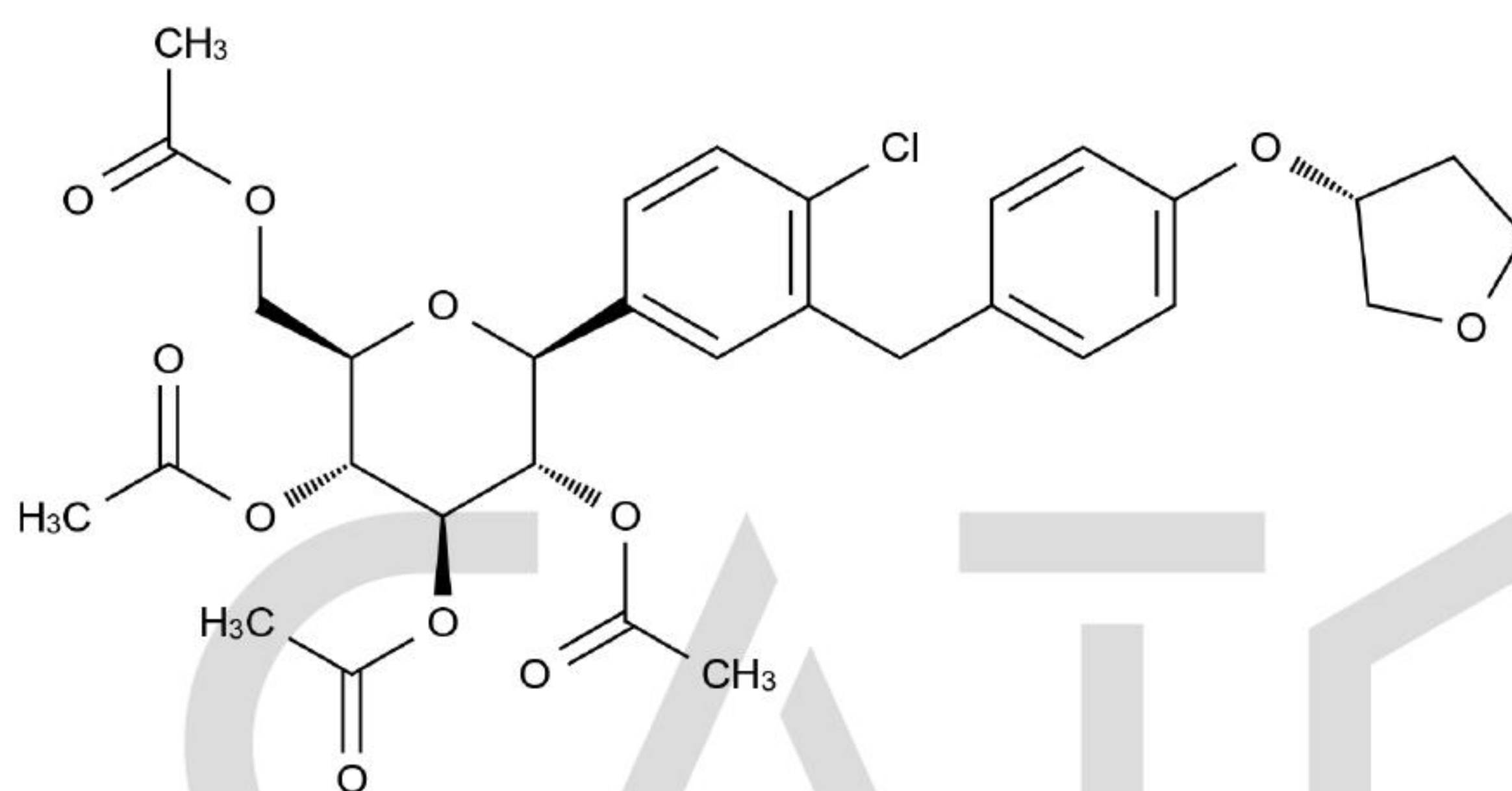


Certificate of Analysis

Reference Material & Standard

Product Name:	Empagliflozin impurity 175	Catalogue Number:	C4X-1065175
Synonyms:	N/A	Lot Number:	0514-RG-0018
CAS Number:	915095-98-6	Expiry Date:	May 19, 2028
Molecular Formula:	C ₃₁ H ₃₅ ClO ₁₁	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	619.06		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.533%
Loss On Drying	TGA	0.1159%
Assay		99.4%

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: May 20, 2025

Date: May 20, 2025

Date: May 20, 2025

