

Certificate of Analysis

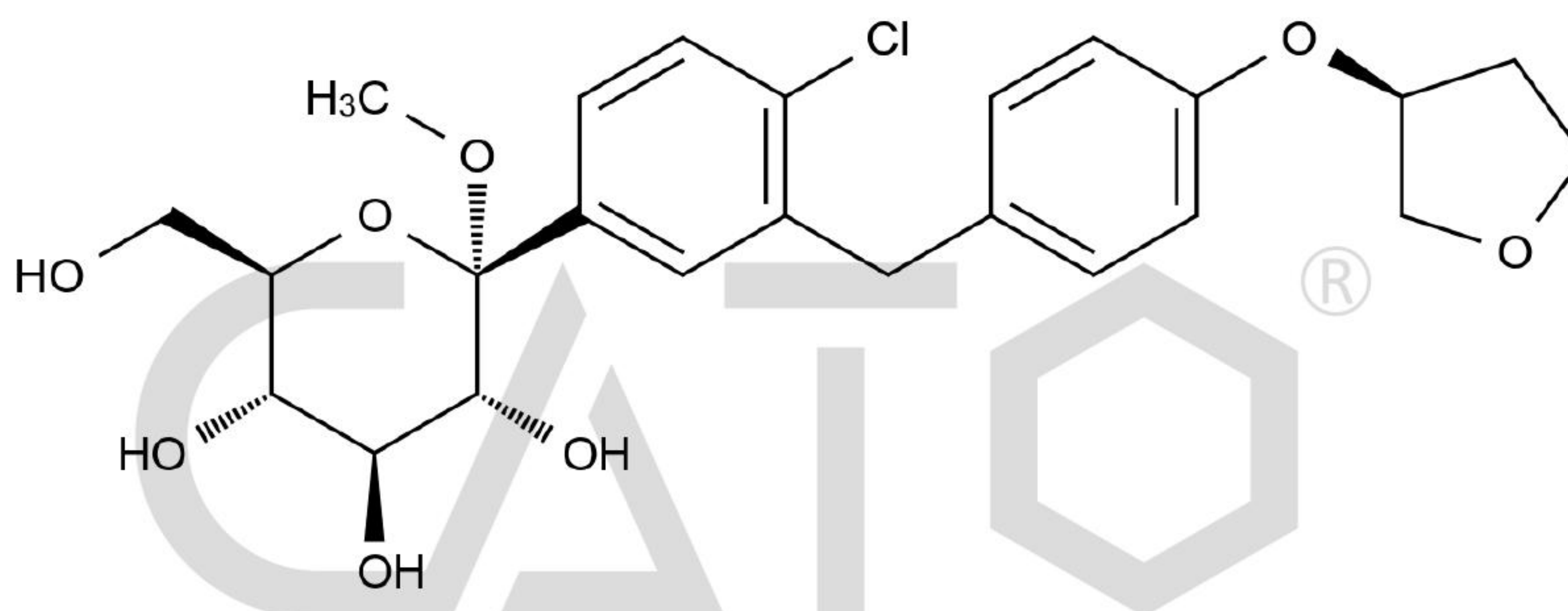
Reference Material & Standard

Product Name:	Empagliflozin Impurity 18	Catalogue Number:	C4X-106518
Synonyms:	N/A	Lot Number:	0922-RH-0088
CAS Number:	1279691-36-9	Expiry Date:	Sep 21, 2030
Molecular Formula:	C ₂₄ H ₂₉ ClO ₈	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	480.94	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	99.762%
Loss on Drying	TGA	0.7523%
Assay		99.0%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Sep 22, 2026

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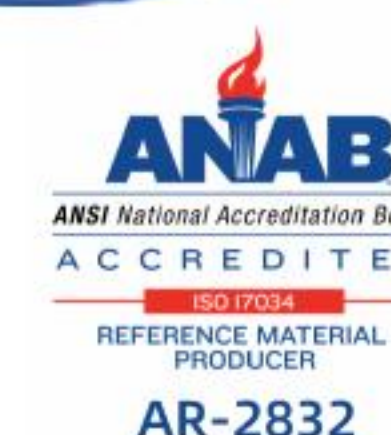
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