

Certificate of Analysis

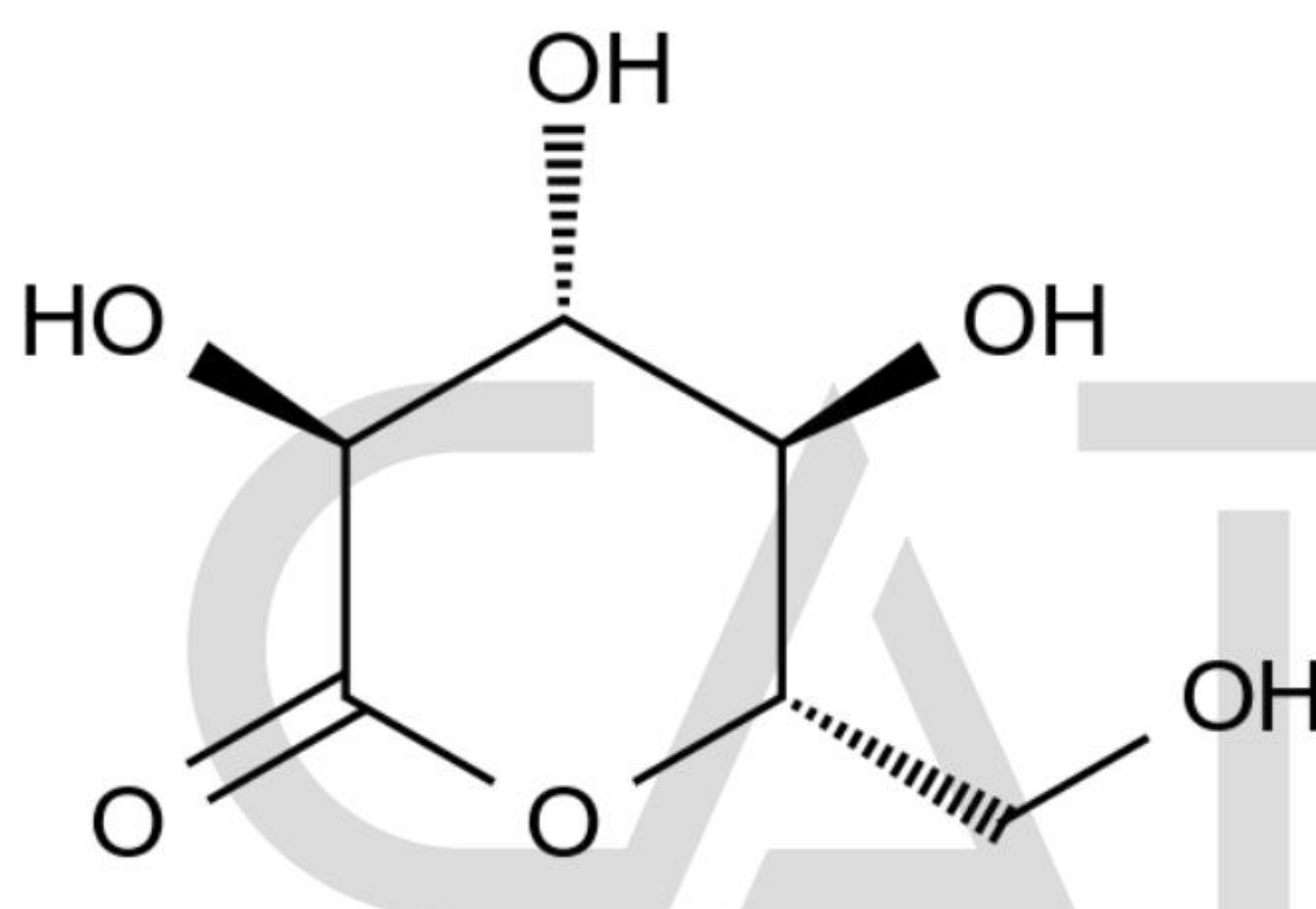
Reference Material & Standard

Product Name:	Empagliflozin Impurity 152	Catalogue Number:	C4X-1065152
Synonyms:	N/A	Lot Number:	0618-RH-0133
CAS Number:	52153-09-0	Expiry Date:	Jun 24, 2030
Molecular Formula:	C ₆ H ₁₀ O ₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	178.14	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	97.837%
Loss on Drying	TGA	0.0240%
Assay		97.8%

Comment:

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

Assay (%) = (100% - Loss on Drying) * Purity ELSD (%) / 100%

Loss on Drying is considered as absolute effect, ELSD purity is considered as relative effect.

Signature:

Prepared by:

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Approved by General Manager:

David

Date: Jun 25, 2026

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