

CERTIFICATE OF ANALYSIS

(Certificate No. KME010017-01)

Release Date: 27/07/2025

Re-test Date: 26/07/2028

Empagliflozin

Identification

Chemical Name :

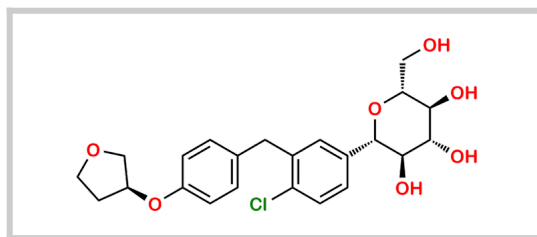
(1S)-1,5-Anhydro-1-C-[4-chloro-3-[[4-[(3S)-tetrahydro-3-furanyl]oxy] phenyl]methyl]phenyl]-D-glucitol

CAT No. : KME010017

CAS No. : 864070-44-0

Molecular Formula : C₂₃H₂₇ClO₇

Molecular Weight : 450.9



Analytical Information

Batch No. : E010017-102-159

Description : White solid

HPLC Purity : 99.95 %

Weight Loss By TGA : 0.58 %

% Potency : 99.37 %

Solubility : ACN : Water (1 : 1)

Mass : Confirm as Na adduct

IR : Confirm

¹H NMR : Confirm

¹³C NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.58(Weight Loss By TGA)] x [99.95(HPLC Purity)]/100 = 99.37 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		27/07/2025
Reviewed & Approved By	Quality Control	Jatin Patel		27/07/2025

Attachments : COA, HPLC, MASS, ¹HNMR, ¹³CNMR, IR and TGA