

CERTIFICATE OF ANALYSIS

(Certificate No. KME010017-02)

Release Date: 21/01/2026

Re-test Date: 20/01/2029

Empagliflozin

Identification

Chemical Name :

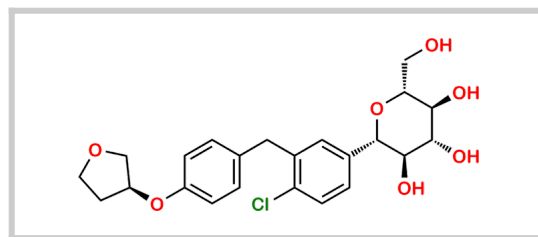
(1S)-1,5-Anhydro-1-C-[4-chloro-3-[[4-[(3S)-tetrahydro-3-furanyl]oxy] phenyl]methyl]phenyl]-D-glucitol

CAT No. : KME010017

CAS No. : 864070-44-0

Molecular Formula : C₂₃H₂₇ClO₇

Molecular Weight : 450.9



Analytical Information

Batch No. : E010017-114-104

Description : White Solid

HPLC Purity : 99.97 %

Weight Loss By TGA : 0.62 %

% Potency : 99.35 %

Solubility : Methanol : Water

Mass : Confirm as Sodium 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 - 0.62(Weight Loss By TGA)] x [99.97(HPLC Purity)]/100 = 99.35 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		23/01/2026
Reviewed & Approved By	Quality Control	Jatin Patel		23/01/2026

Attachments : COA, HPLC, MASS, ¹H NMR, ¹³C NMR, IR and TGA