

# CERTIFICATE OF ANALYSIS

(Certificate No. KME010026-01)

Release Date: 10/07/2025

Re-test Date: 09/07/2028

## EMPAGLIFLOZIN PHENOLIC IMPURITY

### Identification

**Chemical Name :**

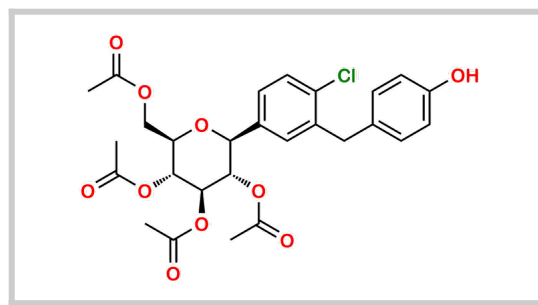
(2R,3R,4R,5S,6S)-2-(Acetoxymethyl)-6-(4-chloro-3-(4-hydroxybenzyl)phenyl)tetrahydro-2H-pyran-3,4,5-triyl triacetate

CAT No. : KME010026

CAS No. : 1079083-63-8

Molecular Formula : C<sub>27</sub>H<sub>29</sub>ClO<sub>10</sub>

Molecular Weight : 549.0



### Analytical Information

Batch No. : DAPA-PHE-030-190

Description : White Solid

HPLC Purity : 98.45 %

Weight Loss By TGA : 0.91 %

% Potency : 97.55 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

<sup>1</sup>H 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 - 0.91(Weight Loss By TGA)] x [98.45(HPLC Purity)]/100 = 97.55 %  
-Re-tested on 10.07.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		16/07/2025
Reviewed & Approved By	Quality Control	Jatin Patel		16/07/2025

Attachments : COA, HPLC, MASS, <sup>1</sup>H NMR, IR and TGA