

# CERTIFICATE OF ANALYSIS

(Certificate No. KMD008004-01)

Release Date: 07/10/2024

Re-test Date: 06/10/2027

## Dapagliflozin

### Identification

**Chemical Name :**

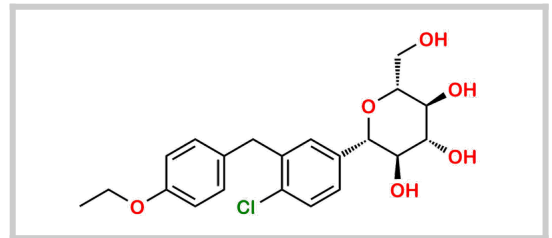
(1S)-1,5-Anhydro-1-C-[4-chloro-3-[(4-ethoxyphenyl)methyl]phenyl]-D-glucitol

CAT No. : KMD008004

CAS No. : 461432-26-8

Molecular Formula : C<sub>21</sub>H<sub>25</sub>ClO<sub>6</sub>

Molecular Weight : 408.9



### Analytical Information

Batch No. : D008004-073-407

Description : Off White Solid

HPLC Purity : 99.31 %

Weight Loss By TGA : 3.79 %

% Potency : 95.55 %

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 - 3.79(Weight Loss By TGA)] x [99.31(HPLC Purity)]/100 = 95.55 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		07/10/2024
Reviewed & Approved By	Quality Control	Jatin Patel		07/10/2024

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