

# CERTIFICATE OF ANALYSIS

(Certificate No. KMD008110-01)

Release Date: 16/07/2021

Re-test Date: 15/07/2024

## Dapagliflozin C0311-C

### Identification

**Chemical Name :**

(2S,3R,4S,5S,6R)-2-(4-Chloro-3-(4-ethoxybenzyl)phenyl)-6-(hydroxymethyl)-2-methoxytetrahydro-2H-pyran-3,4,5-triol

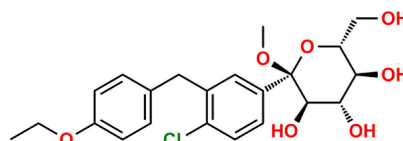
**Alt. Name** : Methoxy Dapagliflozin

**CAT No.** : KMD008110

**CAS No.** : 714269-57-5

**Molecular Formula** : C<sub>22</sub>H<sub>27</sub>ClO<sub>7</sub>

**Molecular Weight** : 438.9



### Analytical Information

**Batch No.** : DAPA-O-METHYL-019-210

**Solubility** : Methanol

**Description** : Off White Solid

**Mass** : Confirm

**HPLC Purity** : 99.41 %

**IR** : Confirm

**Weight Loss By TGA** : 0.27 %

**<sup>1</sup>H NMR** : Confirm

**% Potency** : 99.14 %

### 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 - 0.27(Weight Loss By TGA)] x [99.41(HPLC Purity)]/100 = 99.14 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		16/04/2025
Reviewed & Approved By	Quality Control	Jatin Patel		16/04/2025

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA