

# CERTIFICATE OF ANALYSIS

(Certificate No. SZ-D015004-1227)

Analysis Date: 19/01/2022

Re-test Date: 18/01/2024

## Dapagliflozin Methoxy Pyranose Impurity

### Identification

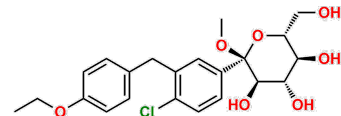
Chemical Name : (2S,3R,4S,5S,6R)-2-(4-chloro-3-(4-ethoxybenzyl)phenyl)-6-(hydroxymethyl)-2-methoxytetrahydro-2H-pyran-3,4,5-triol

CAT No. : SZ-D015004

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 Code : SRL-156-58

HPLC Purity : 99.33 %

Solubility : ACN:H<sub>2</sub>O (8:2)

Mass : Confirm

Appearance of product : Yellow Solid

IR Analysis : Confirm

Long Term Storage : 2-8 °C for long term storage

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

Weight Loss By TGA : 0.45 %

Residue On Ignition : 0.03 %

### Additional Information

% Potency = [100 - 0.45 ( Wt loss by TGA ) - 0.03(ROI) ] X [99.33 (HPLC Purity) ] / 100 = 98.85 %

Recommendation : Released

Department

Signature

Date

Prepared and Reviewed by	Analytical		
Approved By	Quality Control		

Attachments : HPLC, Mass, <sup>1</sup>H NMR, IR, TGA, ROI