

# CERTIFICATE OF ANALYSIS

(Certificate No. SZ-D015005-2221)

Analysis Date: 19/01/2022

Re-test Date: 18/01/2024

## Dapagliflozin Tetraacetate

### Identification

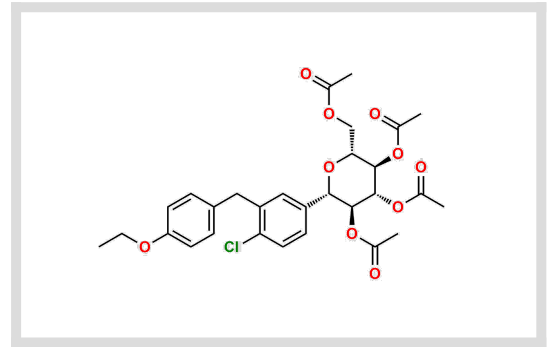
Chemical Name : (2R,3R,5R,6R)-6-(Acetoxymethyl)-2-(4-chloro-3-(4-ethoxybenzyl)phenyl) tetrahydro-2H-pyran-2,3,4,5-tetraol tetraacetate

CAT No. : SZ-D015005

CAS No. : 461432-25-7

Molecular Formula : C<sub>29</sub>H<sub>33</sub>ClO<sub>10</sub>

Molecular Weight : 577.0



### Analytical Information

Batch Code	: SRL-156-62	HPLC Purity	: 92.92 %
Solubility	: ACN:H <sub>2</sub> O(8:2)	Mass	: Confirm
Appearance of product	: Off White Solid	IR Analysis	: Confirm
Long Term Storage	: 2-8 °C for long term storage	<sup>1</sup> H NMR	: Confirm
Weight Loss By TGA	: 0.14 %		
Residue On Ignition	: 0.04 %		

### Additional Information

% Potency = [100 - 0.14 ( Wt loss by TGA ) - 0.04(ROI) ] X [92.92 (HPLC Purity) ] / 100 = 92.75 %

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