

CERTIFICATE OF ANALYSIS

(Certificate No. SZ-D015005-2221)

Analysis Date: 19/01/2022

Re-test Date: 18/01/2024

Dapagliflozin Tetraacetate

Identification

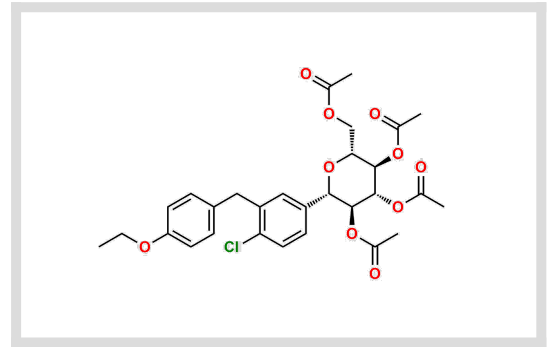
Chemical Name : (2R,3R,5R,6R)-6-(Acetoxymethyl)-2-(4-chloro-3-(4-ethoxybenzyl)phenyl) tetrahydro-2H-pyran-2,3,4,5-tetraol tetraacetate

CAT No. : SZ-D015005

CAS No. : 461432-25-7

Molecular Formula : C₂₉H₃₃ClO₁₀

Molecular Weight : 577.0



Analytical Information

| | | | |
|-----------------------|--------------------------------|--------------------|-----------|
| Batch Code | : SRL-156-62 | HPLC Purity | : 92.92 % |
| Solubility | : ACN:H ₂ O(8:2) | Mass | : Confirm |
| Appearance of product | : Off White Solid | IR Analysis | : Confirm |
| Long Term Storage | : 2-8 °C for long term storage | ¹ 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, ¹H NMR, IR, TGA, ROI