

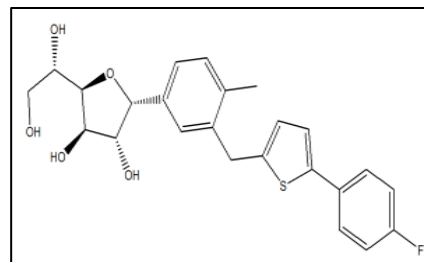
Analysis Date: 14-02-2025

Re-test Date: 14-02-2028

(S) CANAGLIFLOZIN FURANOSE IMPURITY

Identification

Chemical Name	: (2R,3R,4R,5R)-2-((S)-1,2-Dihydroxyethyl)-5-(3-((S)-(4-fluorophenyl)thiophen-2-yl)methyl)-4-methylphenyl)tetrahydrofuran-3,4-diol
CAT No	: ALL-CAN-5625
CAS No	: N.A.
Molecular Formula	: C ₂₄ H ₂₅ FO ₅ S
Molecular Weight	: 444.5



Analytical Information

Batch Code	: ALL-CAN-5625	HPLC Purity	: 98.01%
Solubility	: METHANOL	Potency	: 96.61%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 °C	IR Analysis	: Confirm
Weight Content By TGA	: 1.128%	¹H NMR	: Confirm
Residue Of Ignition	: 0.300%		

Additional Information

%Potency = [100 - (Inorganic Impurities % + Water %) × Chromatographic Purity%]/100 =

$$[100 - (1.128 + 0.300 \times 98.01)] / 100 = 96.61\%$$

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Swapnil Kausatkar Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, ¹H NMR, IR, TGA

Shipping Condition : All Products are stable to be shipped at room temperature, unless otherwise specified

Corporate Office