

CERTIFICATE OF ANALYSIS

Date: 09-02-2026

Product Name	Empagliflozin R/S-Furanose		
Chemical Name	(3R,4R,5R)-2-(4-Chloro-3-4-(((S)-tetrahydrofuran-3-yl)oxy)benzyl)phenyl)-5-((R)-1,2-dihydroxyethyl)tetrahydrofuran-3,4-diol		
Structure	<p>The chemical structure shows a complex molecule. It features a central furanose ring with hydroxyl groups (OH) at positions 3 and 4. This is linked via an oxygen atom to a benzyl group, which is further attached to a phenyl ring. The phenyl ring is substituted with a chlorine atom (Cl) and a tetrahydrofuran-3-yl group. The tetrahydrofuran ring is substituted with a hydroxyl group (OH) and a hydroxymethyl group (-CH2OH).</p>		
Batch No.	-	CAS No.	NA
Analysis Date	-	Retest Date	-
Mol. Formula	C ₂₃ H ₂₇ ClO ₇	Molecular Wt.	450.9
Long term Storage Condition	Store at 2-8 °C in well closed container		
Handling and Transit Condition	25-30 °C in well closed container		

Test	Result
Appearance	-
Solubility	-
1H-NMR	Conforms to structure
MASS	Conforms to structure
Chromatographic Purity	>90%
Note: This material should be used for research purpose and not for human or animal consumption. Any patent applicable for this product in any country is not applicable for this analytical standard/research chemical.	

	Prepared By	Checked By	Approved By
Signature			
Date			

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