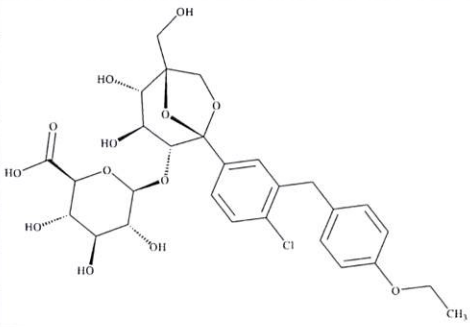


Certificate of Analysis

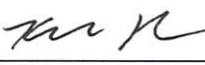

Certificate No.: 20260624008

Date: June 24, 2026

Retest date: June 16, 2029

Compound Name:	Ertugliflozin-2-O-beta-D-Glucuronide	
Synonyms:	(2S,3S,4S,5R,6R)-6-(((1S,2S,3S,4R,5S)-5-(4-chloro-3-(4-ethoxybenzyl)phenyl)-2,3-dihydroxy-1-(hydroxymethyl)-6,8-dioxabicyclo[3.2.1]octan-4-yl)oxy)-3,4,5-trihydroxytetrahydro-2H-pyran-2-carboxylic acid	
TLC Catalogue Number:	E-090004	
CAS Number:	1500090-84-5	
Alternate CAS Number:	N/A	
Molecular Weight:	613.01	
Molecular Formula:	C ₂₈ H ₃₃ ClO ₁₃	
Source:	TLC Pharmaceutical Standards	
Source Lot No.:	7463-095A1	
Storage Conditions:	Store at 2-8 °C	
Solubility:	Methanol, DMSO, Acetonitrile	

Test Description	Specifications	Results
Visual Description	White to off-white solid	Conforms
Identification		
IR	Conforms to structure	Conforms
MS	Conforms to structure	Conforms
¹ H NMR	Conforms to structure	Conforms
Purity (HPLC)	Not less than 95.0%	99.2%
Impurity (HPLC)	RT 8.46, 0.25%; RT 9.30, 0.12%; RT 9.43, 0.19%	
Water Content (KF)	N/A	3.3%
Residual Solvents (NMR)	No residual solvent	
Assay (%)	Not less than 90.0%	95.9%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/24/2026
Approved by:	Quality Assurance		06/24/2026

Attachments: Peak Attribution Table, Assay Calculation, HPLC, IR, MS and NMR spectra.