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CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2025

Re-test Date: Aug 2028

Product Name: Dapagliflozin USP Related Compound A

Identification:

Chemical Name: (2S,3R,4R,5S,6R)-2-[4-Bromo-3-(4-ethoxybenzyl)phenyl]-6-(hydroxymethyl)tetrahydro-2H-pyran-3,4,5-triol (as per USP)

Synonyms : Dapagliflozin 4-Bromo Analog ;
Dapagliflozin S3C Impurity ;
Dapagliflozin EP Impurity A

CAS Number : 1807632-95-6

CAT Number : CP-D8019

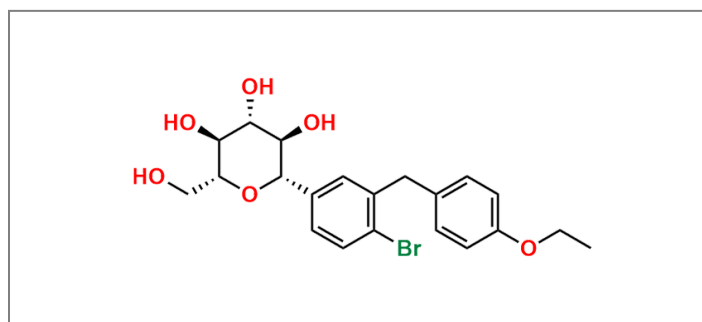
Molecular Formula : C₂₁H₂₅BrO₆

Molecular Weight : 453.33

Batch Number : CP-DAP-RCA-0925

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	Off White Highly Hygroscopic Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	90.99%
5)	¹ H NMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	1.148%
8)	Potency by TGA	89.95%



Prepared and Reviewed By

Mr. Shubham Bondre
(Quality Control)

Approved By

Mr. Abhijit Kale
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.