

Specification

Technical Data Sheet

CAS**960404-48-2****STORAGE****-15 to -20 °C****MOLECULAR WEIGHT****502.99****PRODUCT****Dapagliflozin propanediol monohydrate**

Product number	90037488
CAS number	960404-48-2
Molecular formula	C ₂₁ H ₂₅ ClO ₆ .C ₃ H ₈ O ₂ .H ₂ O
Molecular weight	502.99 g/mol

PARAMETER**SPECIFICATION**

Appearance	White to off-white powder
Assay	98.0% - 102.0% (C ₂₁ H ₂₅ ClO ₆) calculated on the anhydrous propanediol-free, and solvent-free basis.
Acetonitrile	≤0.041%
Single Impurity	≤0.10%
Total impurity	≤0.30%
Water	3.2% - 4.0%
Cyclohexane	≤0.388%
Acetic acid	≤0.50%
Ethyl dapagliflozin	≤0.15%
Methanol	≤0.30%
Propanediol	14.0% - 16.5%
Solubility	Freely soluble methanol, in tetrahydrofuran in ethanol and in acetone soluble in acetonitrile slight soluble in water.
Identification(IR and HPLC)	IR: The infrared absorption spectrum of the sample shall be consistent with that of the reference substance. HPLC: The retention time of the major peak of the sample solution corresponds to that of the standard solution as obtained in the assay

PARAMETER

SPECIFICATION

Isopropyl acetate

 $\leq 0.50\%$ SPECIFICATION
STATEMENT

The values stated above represent the standard specification for this product, issued under **Molekula Ltd**'s quality management system. Batch-specific results are provided on the Certificate of Analysis.

STORAGE

Store as indicated on the product label, away from light, moisture and incompatible materials.

Molekula Ltd would like to thank you for your support of our products and service.

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