



Specification

D-Melibiose Monohydrate

CAS Number: 585-99-9
Molecular Formula: C₁₂H₂₂O₁₁.H₂O
Molecular Weight: 360.31
Storage: 15°C - 30°C

Test	Specification
Appearance:	White Powder
Purity (HPLC):	≥ 99.0 %
Specific Optical Rotation (1% in methanol):	+133 - +137 O
Residue on Ignition:	≤ 0.1 %
Heavy Metals (as Pb):	≤ 10 ppm
Water Content (K.F):	≤ 6.0 %
Solubility (10% solution in H ₂ O):	Clear, colorless solution

Approved:

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