

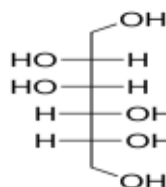
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Product Specification

Product Name:
D-Mannitol - ACS reagent

Product Number: **M9647**
CAS Number: 69-65-8
MDL: MFCD00064287
Formula: C₆H₁₄O₆
Formula Weight: 182.17 g/mol



TEST	Specification
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Appearance (Color)	White
Appearance (Form)	Powder
Specific Rotation + 23.3 to + 24.3 (C = 10 in Borate Buffer at 25 deg C)	23.3 - 24.3 °
Insoluble matter	≤ 0.01 %
Loss on Drying 105 deg C	≤ 0.05 %
Residue on ignition (Ash)	≤ 0.01 %
Titrateable Acid < or = 0.0008 meq/g	Pass
Reducing Substances Sugars	Pass
Recommended Retest Period 3 years	-----
Heavy Metals by ICP-OES	< = 5 ppm

Specification: PRD.3.ZQ5.10000035030

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.