

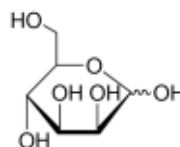
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Product Specification

Product Name:
D-(+)-Mannose – synthetic, ≥99%

Product Number: **M8574**
CAS Number: 3458-28-4
Formula: C₆H₁₂O₆
Formula Weight: 180.16 g/mol



TEST

Specification

Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Very Faint Yellow
Solubility (Turbidity)	Clear
50 mg/ml, H ₂ O	
Specific Rotation	13.5 - 14.9 °
C = 4 in H ₂ O at 25 deg C after 24 hours	
Proton NMR spectra	Conforms to Structure
¹³ C NMR Identity	Conforms to Structure
Purity (GC)	≥ 99 %

Specification: PRD.0.ZQ5.10000093817

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.