

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:

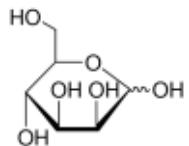
D-(+)-Mannose - synthetic, ≥99%

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, H₂O

Specific Rotation

13.5 - 14.9 °

C = 4 in H₂O at 25 deg C after 24 hours

Proton NMR spectra

Conforms to Structure

13C 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.