

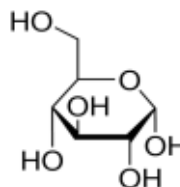
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Product Specification

Product Name:
α-D-Glucose - anhydrous, 96%

Product Number: 158968
CAS Number: 492-62-6
MDL: MFCD00063774
Formula: C₆H₁₂O₆
Formula Weight: 180.16 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder or Crystals
1H NMR Spectrum	Conforms to Structure
Optical Rotation c = 10%, H ₂ O + Base	49.0 - 55.0 deg
GC (area %) alpha	≥ 95.5 %
GC (area %) beta Specification: Report Result	
Water (by Karl Fischer)	≤ 1.0 %
Solubility (Turbidity) c = 2g/15ml H ₂ O	Clear
Solubility (Color)	Colorless

Specification: PRD.3.ZQ5.10000024461

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.