

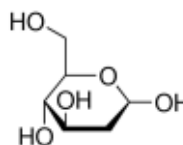
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Product Specification

Product Name:
2-Deoxy-D-glucose - ≥99% (GC), crystalline

Product Number: D6134
CAS Number: 154-17-6
MDL: MFCD00151328
Formula: C₆H₁₂O₅
Formula Weight: 164.16 g/mol
Storage Temperature: 2 - 8 °C



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Crystalline Powder
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
330 mg/ml H ₂ O	
¹ H NMR Spectrum	Conforms to Structure
Carbon	43.5 - 44.5 %
(As is)	
Specific Rotation	44 - 48 °
(c = 2 in H ₂ O at 20 deg C)	
Purity (GC)	≥ 99 %

Specification: PRD.2.ZQ5.10000044879

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.