

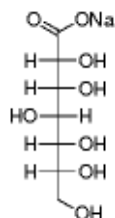
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Product Specification

Product Name:
 α -D-Glucoheptonic acid sodium salt

Product Number: **G3516**
CAS Number: 10094-62-9
MDL: MFCD00013425
Formula: C₇H₁₃NaO₈
Formula Weight: 248.16 g/mol
Storage Temperature: -20 °C



TEST	Specification
Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Faint Yellow
Solubility (Turbidity)	Clear
50 mg/mL, H ₂ O	
Proton NMR spectrum	Conforms to Structure
¹³ C NMR Spectrum	Conforms to Structure
Loss on Drying	≤ 15 %
Specific Rotation	5.5 - 6.5 °
C = 4, H ₂ O, 20 deg C	
Sodium (ICP)	8.2 - 10.2 %
Dry Basis	
Purity (HPLC)	≥ 99 %

Specification: PRD.1.ZQ5.10000032921

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.