

Product Specification

Product Name : 2-Deoxy-D-glucose ≥98% (GC), BioXtra
Product Number: D3179
CAS Number: 154-17-6
MDL Number : MFCD00151328
Storage Temperature : +2°C to +8°C
Molecular Formula: C₆H₁₂O₅
Formula Weight: 164.16 g/mol

Test	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity) 1 M in H ₂ O at 20 deg C	Clear
Residue on ignition (Ash)	≤ 0.1%
Insoluble Matter	≤ 0.1%
Sulfate (SO ₄)	≤ 0.05%
Chloride	≤ 0.05%
Aluminum (Al)	≤ 0.0005%
Phosphorus (P)	≤ 0.001%
Lead (Pb)	≤ 0.001%
Calcium (Ca)	≤ 0.003%
Magnesium (Mg)	≤ 0.001%
Sodium (Na)	≤ 0.005%
Copper (Cu)	≤ 0.0005%

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.

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Product Name: 2-Deoxy-D-glucose

Product Number: D3179-BULK

Test	Specification
Iron (Fe)	≤ 0.0005%
Zinc (Zn)	≤ 0.0005%
Potassium (K)	≤ 0.005%
Ammonia (NH ₄)	≤ 0.05%
Purity (GC)	≥ 98%

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