

3050 Spruce Street, Saint Louis, MO 63103, USA

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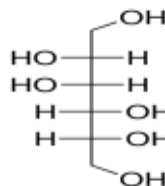
Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
D-Mannitol - BioXtra, ≥98% (HPLC)

Product Number: **M9546**
CAS Number: 69-65-8

Formula: C₆H₁₄O₆
Formula Weight: 182.17 AMU



TEST	Specification
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Appearance (Colour)	White
Appearance (Form)	Powder
Purity (HPLC)	≥ 98 %
Solubility (Colour)	Colorless
Solubility (Turbidity)	Clear
1M IN WATER	
Residue on Ignition	≤ 0.01 %
Insoluble Matter	Pass
INSOLUBLE MATTER ≤ 0.01 %	
Aluminum (Al)	≤ 5 mg/kg
Calcium (Ca)	≤ 5 mg/kg
Copper (Cu)	≤ 5 mg/kg
Iron (Fe)	≤ 5 mg/kg
Potassium (K)	≤ 50 mg/kg
Magnesium (Mg)	≤ 5 mg/kg
Sodium (Na)	≤ 50 mg/kg
Lead (Pb)	≤ 10 mg/kg
Zinc (Zn)	≤ 5 mg/kg
Total Phosphorus	≤ 5 mg/kg
as PO ₄ (ICP)	
Total Sulfur	≤ 500 mg/kg
as SO ₄ (ICP)	
Chloride (Cl)	≤ 500 mg/kg

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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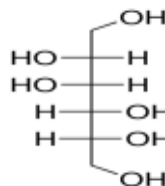
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TEST	Specification
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Ammonia (NH ₄) (Ion Chromatographie)	≤ 500 mg/kg
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Specification: PRE.0.ZQ5.10000018131

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