

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

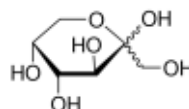
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
D-(–)-Fructose - BioXtra

Product Number: F2543
CAS Number: 57-48-7
MDL: MFCD00148910
Formula: C₆H₁₂O₆
Formula Weight: 180.16 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
1 M , H ₂ O	
Residue on ignition (Ash)	≤ 0.1 %
Insoluble matter	≤ 0.1 %
Chloride Content	≤ 0.05 %
Sulfate (SO ₄)	≤ 0.05 %
Aluminum (Al)	≤ 0.0005 %
Phosphorus (P)	≤ 0.0005 %
Lead (Pb)	≤ 0.001 %
Iron (Fe)	≤ 0.0005 %
Copper (Cu)	≤ 0.0005 %
Zinc (Zn)	≤ 0.0005 %
Calcium (Ca)	≤ 0.0005 %
Magnesium (Mg)	≤ 0.0005 %
Sodium (Na)	≤ 0.005 %
Potassium (K)	≤ 0.005 %
Ammonia (NH ₃)	≤ 0.05 %
Ammonia content by enzymatic analysis	
Impurity (by Enzymatic)	≤ 0.05 %
Glucose	

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.

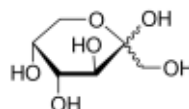
3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:
D-(–)-Fructose - BioXtra

Product Number: **F2543**
CAS Number: 57-48-7
MDL: MFCD00148910
Formula: C₆H₁₂O₆
Formula Weight: 180.16 g/mol



TEST	Specification
------	---------------

Purity (HPLC)	≥ 99 %
HPLC with pulsed amperometric detection	
Recommended Retest Period	-----
4 years	

Specification: PRD.1.ZQ5.10000055671

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.