

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

Email USA: techserv@sial.com

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Product Specification

Product Name:

D-(–)-Fructose – analytical standard, analytical standard for fructose assay kit, for use with enzymatic assay kit FA20

Product Number:

F2793

CAS Number:

57-48-7

MDL:

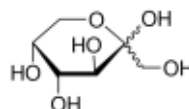
MFCD00148910

Formula:

C₆H₁₂O₆

Formula Weight:

180.16 g/mol



TEST	Specification
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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	
Purity (HPLC)	≥ 99 %

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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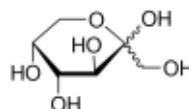
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**TEST****Specification**

Recommended Retest Period

4 years

Specification: PRD.1.ZQ5.1000067274

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