

Specification

Formula Hill: C₆H₁₂O₆
Molar Mass: 180,15 g/mol
CAS N°: 57-48-7

Print Date: 24 July 2023

118990 D(-)-Fructose, Ph. Eur., USP

Specifications

Assay	98,0 - 102,0 %
Identity	conforms
Appearance	
- White or almost white	conforms
- Crystalline powder	conforms
Appearance of solution	conforms
Color of solution	conforms
Acidity	conforms
Acidity/Alkalinity	conforms
Solubility	conforms
Specific rotation	-93,5 - -91,0 °
Chloride (Cl)	≤ 0,018 %
Sulfate (SO ₄)	≤ 0,025 %
5-Hydroxymethylfurfural and rel. comp.	conforms
Limit of hydroxymethylfurfural	conforms
Foreign sugars	conforms
Calcium (Ca)	≤ 0,005 %
Sulfated ash	≤ 0,1 %
Water	≤ 0,5 %
Loss on drying	≤ 0,5 %

The product cannot be considered as an Active Pharmaceutical Ingredient (API)

Conforms to: Ph. Eur., USP specification