

Specification

Formula Hill: C₆H₁₄O₆
Molar Mass: 182,17 g/mol
CAS N°: 50-70-4

Print Date: 02 February 2023

119200 Sorbitol, NF, Ph. Eur.

	Specifications	Method
Assay	97,0 - 102,0 %	NF, Ph. Eur.
Identity	conforms	NF, Ph. Eur.
Appearance		
- White or almost white	conforms	Ph. Eur.
- Crystalline powder	conforms	Ph. Eur.
Appearance of solution	conforms	NF, Ph. Eur.
Conductivity	≤ 20 μS/cm	Ph. Eur.
pH 10%	3,5 - 7,0	NF
Solubility	conforms	Ph. Eur.
Specific rotation	4,0 - 7,0 °	
Related substances		
- Any impurity	≤ 2,0 %	Ph. Eur.
- Total impurities	≤ 3,0 %	Ph. Eur.
Chloride (Cl)	≤ 0,0050 %	NF
Sulfate (SO ₄)	≤ 0,01 %	NF
Nickel (Ni)	≤ 1 ppm	
Reducing sugars	≤ 0,2 %	NF, Ph. Eur.
Residue after ignition	≤ 0,1 %	NF
Water (KF)	≤ 1,5 %	NF, Ph. Eur.
Particle size		
- 490 micras	≤ 4,0 %	
- 15 micras	≥ 72,0 %	
Total aerobic count	≤ 1.000 cfu/g	NF, Ph. Eur.
Moulds and yeasts	≤ 100 cfu/g	NF, Ph. Eur.
E. Coli		
- Negative/10 g	conforms	Ph. Eur.
Salmonella		
- Negative/10 g	conforms	Ph. Eur.

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

Conforms to: NF, Ph. Eur. specification