

# Specification

**Formula Hill:** C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>  
**Molar Mass:** 180,16 g/mol  
**CAS N°:** 50-99-7

Print Date: 12 March 2024

116460 D(+)-Glucose anhydrous, Ph. Eur., USP

## Specifications

Assay (dried subs)	97,5 - 102,0 %
Identity	conforms
Appearance	
- White or almost white	conforms
- Crystalline powder	conforms
Appearance of solution	conforms
Clarity of solution	conforms
Conductivity	≤ 20 μS/cm
Soluble starch, sulfites	≤ 0,0015 %
Dextrins	conforms
Related substances	
- Impurity C (maltotriose)	≤ 0,2 %
- Impurity D (fructose)	≤ 0,15 %
- Sum imp. A, B (maltose, isomaltose)	≤ 0,4 %
- Total impurities	≤ 0,5 %
- Unspecified impurities	≤ 0,10 %
Water by KF	≤ 1,0 %

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

Conforms to: Ph. Eur., USP specification