

Specification

Formula Hill: C₆H₁₂O₆
Molar Mass: 180.20 g/mol (test)
CAS N°: 50-99-7

Print Date: 23 January 2025

116464 D(+)-Glucose anhydrous, <315 µm, Ph. Eur., USP

Specifications

Assay (HPLC, dried substance)	97,5 - 102,0 %
Identity	conforms
Appearance	
- White or almost white	conforms
- Crystalline powder	conforms
Appearance of solution	conforms
Clarity and colour of solution	conforms
Conductivity	≤ 20 µS/cm
Solubility	conforms
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 %
Particles ≤315 µm	≥ 99,0 %

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

Conforms to: Ph. Eur., USP specification

