

# Specification

**Formula Hill:** C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>  
**Molar Mass:** 180,20 g/mol  
**CAS N°:** 50-99-7

**116463 D(+)-Glucose anhydrous, Ph. Eur., USP, low endotoxin**

	Specification
Assay (anhydrous substance)	97,5 - 102,0 %
Identity	conforms
Appearance (colour)	white or almost white
Appearance (form)	crystalline powder
Appearance of solution	conforms
Clarity of the solution	conforms
Conductivity	≤ 20 μS/cm
Dextrins	conforms
Soluble starch, sulfites	≤ 0,0015 %
Related substances	
Related substances	
- Impurity C (maltotriose)	≤ 0,2 %
- Impurity D (fructose)	≤ 0,15 %
- Sum of impurities A and B (maltose and isomaltose)	≤ 0,4 %
- Total impurities	≤ 0,5 %
- Unspecified impurities	≤ 0,10 %
Water	≤ 1,0 %
TAMC (total aerobic microbial count)	≤ 100 cfu/g
TYMC (total yeast & mould count)	≤ 10 cfu/g
Bacterial endotoxins	≤ 5 IU/g

Conforms to: Ph. Eur., USP specification

This data sheet is representative of the current specifications for this product at the time of printing.  
 Product specifications are subject to amendment and may change over time. Please check the certificate of analysis for information on specific lots..