

# Specification

**Formula Hill:**  $C_6H_{12}O_6$   
**Molar Mass:** 180,16 g/mol  
**CAS N°:** 50-99-7

**116461 D(+)-Glucose anhydrous, FCC**

	Specification
Assay (on dried basis)	99,5 - 100,5 %
Identity	conforms
Appearance	white crystalline powder, odourless
Optical rotation	52,6 - 53,2 °
Chloride (Cl)	≤ 0,018 %
Sulfur dioxide	≤ 0,0015 %
As (Arsenic)	≤ 1 ppm
Cu (Copper)	≤ 2 ppm
Pb (Lead)	≤ 0,1 ppm
Starch	conforms
Loss on drying (70°C; 50 mmHg)	≤ 0,5 %
Sulfated ash	≤ 0,1 %
Average particle size	≤ 600 µm
E. coli in 10g	negative
Moulds	≤ 100 cfu/g
Salmonella in 25g	negative
Total aerobic count	≤ 1000 cfu/g
Yeasts	≤ 100 cfu/g

Conforms to: FCC 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..