

**Anhydrous glucose**  
**TECHNICAL SPECIFICATIONS**  
**No: 0025982/06/2023**

**PRODUCT NAME :** Anhydrous glucose

**CAS:** 50-99-7

**CHEMICAL FORMULA:** C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>

**MOOL WEIGHT :** 180,16 g/mol

**APPEARANCE :** White or almost white crystalline powder

Parameter	Unit	Limit
Water	[ % ]	1.0
Appearance of the solution (10 g in 15 ml distilled water)	-	Clear, colorless
Conductivity	[ μS/cm ]	20
Related substances	[ % ]	:
Sum of impurities A and B	[ % ]	max 0.4
Impurities C	[ % ]	max 0.2
Impurities D	[ % ]	max 0.15
Unidentified impurities	[ % ]	max 0.1
Sum of impurities	[ % ]	max 0.5
Dextrins	-	According to the standard
Soluble starch, sulphites	[ ppm ]	max 15
Translated content to an anhydrous substance	[ % ]	97.5 - 102.0
Optical rotation 10% r-ru	-	+52.5 - 53.3
Ogólna liczba bakterii tlenowych w 1 g	-	max 100
Total yeast and mold in 1 g	-	max 10
Staphylococcus aureus in 2g	-	absent
Pseudomonas aeruginosa in 2 g	-	absent
Gram-negative bile-tolerant bacteria in 20 g	-	absent
Norm		Ph.Eur

The certificate was made on the basis of the supplier's certificate. The data contained in this certificate were prepared on the basis of certificates and quality standards of suppliers or manufacturers and on the basis of tests in the factory laboratory.

Prepared by

M.Sc. Łukasz S. Ujma

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