



TECHNICAL DATA SHEET

1051-TDS-ENG-2023

GLUCOSA ANHIDRA (DEXTROSA) Ph. Eur.		
DESCRIPTION DCI: ---		DESCRIPTION DOE: ---
CAS Nº: 50-99-7	EC Nº: 200-075-1	AEMPS CODE: ---
MOL. WEIGHT: 180.15	MOL. FORMULA: C ₆ H ₁₂ O ₆	ARTICLE CODE: 1051

ATTRIBUTES	SHOULD BE
Appearance	White or almost white, crystalline powder
Solubility	Freely soluble in water, very slightly soluble in ethanol (96 %)
Identification A	Complies
Identification B	Complies
Identification E	Complies
Appearance of solution	Clear and not more intense coloured than ref. sol. BY7
Specific optical rotation	+52.5 / +53.3
Conductivity	=< 20 µS·cm ⁻¹
Related substances	
Sum impurities A and B	=< 0.4 %
Impurity C	=< 0.2 %
Impurity D	=< 0.15 %
Unspecified impurities	=< 0.10 %
Total impurities	=< 0.5 %
Dextrin	Complies
Soluble starch, sulfite	=< 15 ppm
Water	=< 1.0 %
Assay	97.5 - 102.0 %

COMPLIES WITH

European Pharmacopoeia 11.0

STORAGE

Keep the containers tightly closed in a fresh and dry place.

REMARKS

Glucose is subjected to the requirements of the ICH Q3D "Elemental Impurities" guideline and the requirements of guides EMA/CHMP/ICH/82260/2006.

Certificates of residual solvents, allergens, non-GMO and BSE-TSE, among others, are available upon request.

All methods of analysis are validated by official pharmacopoeias or are validated by internal methods of the manufacturer, which can be obtained at specific request. The above information does not exempt from the obligation to identify the product before use.