

QUALITY CERTIFICATE

Product name: GLUCOSE
Quality: Ph.Eur.10.0.
Package: 1000 g
Formula: $C_6H_{12}O_6$
Rel. mol. weight: 180,16
Lot No.: FU1055344
Manufacturing date: 07.2022.
Expiry date: 13.07.2027. (DMY)
Anal. No.: 12511H55344

	REQUIRED	MEASURED
Appearance:	white or almost white crystalline powder	white crystalline powder
Identification test 'D'	identical	identical
$[\alpha]_D^{20}$	(+52,5)-(+53,3) °	+53,0 °
Assay	97,5-102,0 %	100,4 %
Solubility	freely soluble in water, very slightly soluble in ethanol (96 per cent)	freely soluble in water, very slightly soluble in ethanol (96 per cent)
Appearance of solution	max.BY7	<BY7
Conductivity	max.20 μ S/cm-1	2,1 μ S/cm-1
Related substances (HPLC)	passes test	passes test
Impurity A and B	max.0,4 %	<0,4 %
Impurity C	max.0,2 %	<0,2 %
Impurity D	max.0,15 %	<0,15 %
Unspecified impurities	max.0,1 %	<0,1 %
Total impurities	max.0,5 %	<0,5 %
Dextrin	passes test	passes test
Soluble starch, sulfite	max.15 ppm	<15 ppm
Water	max.1,0 %	0,05 %
Lead (Pb)	max.0,5 ppm	<0,5 ppm
Total germs	max.1000 CFU/g	<10 CFU/g
Yeast and moulds	max.100 CFU/g	<10 CFU/g
Salmonella	negative	negative
Escherichia coli	negative	negative

QUALITY CERTIFICATE

The Product complies with the requirements of Ph.Eur.10.0.

Kiállítva: Halásztelek, 2023.01.02.


minőségbiztosítási vezető

helyettes

