

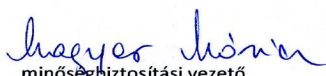
**QUALITY CERTIFICATE**

Product name: GLUCOSE MONOHYDRATE  
Quality: Ph.Eur.10.0.  
Package: 1000 g  
Formula:  $C_6H_{12}O_6 \cdot H_2O$   
Rel. mol. weight: 198,17  
Lot No.: FW5558188  
Manufacturing date: 07.2022.  
Expiry date: 30.07.2027. (DMY)  
Anal. No.: 13232H58188

	<b>REQUIRED</b>	<b>MEASURED</b>
Appearance	white or almost white crystalline powder	white crystalline powder
Identity	identical	identical
Assay (T, anhydr. substance)	97,5-102,0 %	100,1 %
$[\alpha]_D^{20}$	+52,5 - +53,3 °	+52,83 °
Appearance of solution	max.BY7	<BY7
Water	7,5-9,5 %	9,17 %
Conductivity	max.20 $\mu$ S/cm-1	3,56 $\mu$ 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 %
Soluble starch, sulfite	max.15 ppm	<15 ppm
Dextrin	passes test	passes test
Total germs	max.100 /g	<10 /g
Yeast and moulds	max.100 /g	<10 /g
Escherichia coli	0 /10g	negative /10g
Salmonella	0 /10g	negative /10g

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

Kiállítva: Halásztelek, 2022.11.28.

  
minőségbiztosítási vezető  
helyettes

