

**QUALITY CERTIFICATE**

Product name: SORBITOL  
Quality: Ph.Eur.11.0.  
Package: 1000 g  
Formula:  $C_6H_{14}O_6$   
Rel. mol. weight: 182,18  
Lot No.: GN1259856  
Manufacturing date: 03.2023.  
Expiry date: 17.04.2027. (DMY)  
Anal. No.: 18073H59856

	<b>REQUIRED</b>	<b>MEASURED</b>
Appearance:	fehér, vagy majdnem fehér kristályos por	white crystalline powder
Assay (dry substance)	97,0-102,0 %	98,6 %
Identity $[\alpha]_D^{20}$	(+4,0) - (+7,0)	6,022
Solubility	soluble in water, practically insoluble in ethanol (96 per cent)	passes test
Appearance of solution	passes test	passes test
Conductivity	max.20 $\mu$ S/cm	2,37 $\mu$ S/cm
Reducing sugars	max.0,2 %	<0,10 %
Related substances (total impurities)	max.3 %	<3 %
Related substances (each)	max.2 %	<2 %
Lead (Pb)	max.0,5 ppm	<0,5 ppm
Nickel (Ni)	max.1 ppm	<1 ppm
Water	max.1,5 %	0,3856 %
Total germs	max.1000 CFU/g	0 CFU/g
Yeast and moulds	max.100 CFU/g	0 CFU/g
Salmonella	negative	negative
Escherichia coli	negative	negative

**The Product complies with the requirements of Ph.Eur.11.0.**

Kiállítva: Halásztelek, 2024.05.27.

  
Nagy Balázs

minőségbiztosítási vezető

**Molar Chemicals Kft.**  
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