

**QUALITY CERTIFICATE**

Product name: XYLITOL  
Quality: Ph.Eur.11.0.  
Package: 1000 g  
Formula:  $C_5H_{12}O_5$   
Rel. mol. weight: 152,15  
Lot No.: GF9456664  
Manufacturing date: 01.2023.  
Expiry date: 31.08.2028. (DMY)  
Anal. No.: 15916H56664

	<b>REQUIRED</b>	<b>MEASURED</b>
Appearance:	white or almost white crystalline powder or crystals	white crystalline powder
Assay	98,0-102,0 %	99,4 %
Identity (IR)	identical	identical
Melting point	92,0-96,0 °C	93,9 °C
Appearance of solution	passes test	passes test
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)
Conductivity	max.20 $\mu$ S/cm-1	2,75 $\mu$ S/cm-1
Reducing sugars	max.0,2 %	<0,2 %
Related substances	max.2,0 %	0,053 %
Lead (Pb)	max.0,5 ppm	<0,5 ppm
Nickel (Ni)	max.1 ppm	<1 ppm
Water	max.1,0 %	<0,1 %

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

Kiállítva: Halásztelek, 2023.10.16.

  
Nagy Balázs

minőségbiztosítási vezető

**Molar Chemicals Kft.**  
2314 Halásztelek, Árpád utca 1.  
Adószám: 10886713-2-13  
Cégj.sz.: 13-09-1. 67293