

**QUALITY CERTIFICATE**

Product name: PROPYLENEGLYCOL  
Quality: Ph.Eur.10.0.  
Package: 500 g  
Formula: C<sub>3</sub>H<sub>8</sub>O<sub>2</sub>  
Rel. mol. weight: 76,10  
Lot No.: FR1156401  
Manufacturing date: 04.2022.  
Expiry date: 29.04.2025. (DMY)  
Anal. No.: 11628H56401

	<b>REQUIRED</b>	<b>MEASURED</b>
Appearance	viscous, colourless, hygroscopic, clear liquid	viscous, colourless, hygroscopic, clear liquid
Identity (FT-IR)	identical	identical
Miscibility	miscible with water and with ethanol (96 per cent)	miscible with water and alcohol all portion
Boiling range	184-189 °C	184-189 °C
Density (d <sub>20</sub> <sup>20</sup> )	1,035-1,040	1,0351
Refractive index (n <sub>D</sub> <sup>20</sup> )	1,431-1,433	1,431
Acidity	passes test	passes test
Reducing substances	passes test	passes test
Oxidising substances	passes test	passes test
Heavy metals (Pb)	max.5 ppm	<5 ppm
Water	max.0,2 %	0,02826 %
Sulphated ash	max.0,01 %	0,0099 %

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

Kiállítva: Halásztelek, 2023.02.17.



Nagy Balázs

minőségbiztosítási vezető

**Molar Chemicals Kft.**  
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