

**QUALITY CERTIFICATE**

Product name: SUNFLOWER OIL  
Quality: Ph.Eur.11.0.  
Package: 920 g  
Lot No.: GP4761157  
Manufacturing date: 05.2024.  
Expiry date: 10.12.2025. (DMY)  
Anal. No.: 18823H61157

	<b>REQUIRED</b>	<b>MEASURED</b>
Appearance:	clear, light yellow liquid	clear, light yellow liquid
Identity	identical	identical
Solubility	practically insoluble in water and in ethanol (96 per cent)	practically insoluble in water and in ethanol (96 per cent)
Density (d <sub>20</sub> <sup>20</sup> )	kb.0,921	0,9126
Refractive index (n <sub>D</sub> <sup>20</sup> )	kb.1,474	1,470
Acid value	max.0,5	0,061
Peroxide value	max.10	0,698
Unsaponifiable materials	max.1,5 %	0,61 %
Alkali impurities	passes test	passes test
Palmitic acid	4,0-9,0 %	6,54 %
Stearic acid	1,0-7,0 %	3,52 %
Oleic acid content	14,0-40,0 %	30,7 %
Linolenic acid	48,0-74,0 %	56,4 %
Water	max.0,1 %	0,0238 %
Antioxidant agent		not contain
Concentration of antioxidant		0
Production method (pressing/extraction)		pressing

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

Kiállítva: Halásztelek, 2024.06.28.

  
Nagy Balázs

minőségbiztosítási vezető

**Molar Chemicals Kft.**  
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