



## TECHNICAL DATA SHEET

1502-TDS-ENG-2024

PROPILENGLICOL (EUR. PH. / USP)		
DESCRIPTION DCI: PROPYLEN GLYCOL		DESCRIPTION DOE: PROPILENGLICOL
CAS N°: 57-55-6	EC N°: 200-338-0	AEMPS CODE: 2224A
MOL. WEIGHT: 76,10	MOL. FORMULA: C <sub>3</sub> H <sub>8</sub> O <sub>2</sub>	ARTICLE CODE: 1502

ATTRIBUTES	SHOULD BE
Appearance	Viscous, clear, colourless, hygroscopic liquid
Solubility	Miscible with water and with ethanol (96 %)
Identification A	Complies
Identification B	Complies
Identification C	Complies
Identification D	Complies
Boiling point	184 - 189 °C
Appearance	Clear and colourless
Relative density	1.035 - 1.040
Refractive index	1.431 - 1.433
Acidity	=< 0.05 mL of 0.1 M NaOH
Reducing substances	Complies
Oxidising matter	=< 0.2 mL of 0.05 M Sodium thiosulfate
Water	=< 0.2 %
Sulfated ash	=< 0.01 %

### COMPLIES WITH

European Pharmacopoeia 11.0

### STORAGE

Keep the containers tightly closed in a fresh, dry and well-ventilated place.

### REMARKS

Propylene Glycol is subjected to the requirements of the ICH Q3D "Elemental Impurities" and the requirements of guides EMA/CHMP/ICH/82260/2006.

All methods of analysis are validated by official pharmacopoeias or are validated by internal methods of the manufacturer, which can be obtained at specific request. The above information does not exempt from the obligation to identify the product before use.