



TECHNICAL DATA SHEET

006056-TDS-ENG-2023

POLIETILENGLICOL 400 Ph.Eur.-USP		
DESCRIPTION DCI: ---		DESCRIPTION DOE: ---
CAS N°: 25322-68-3	EC N°: 500-035-2	AEMPS CODE: ---
MOL. WEIGHT: ---	MOL. FORMULA: C _{2n} H _{4n+2} O _{n+1} (n=8.2-	ARTICLE CODE: 006056

ATTRIBUTES	SHOULD BE
Appearance	Clear, viscous, colourless or almost colourless, hygroscopic liquid
Solubility	Miscible with water, very soluble in acetone, in alcohol and in methylene chloride, practically insoluble in fatty oils and in mineral oils
Identification A	Complies
Identification B	Complies
Identification C	Complies
Appearance of solution	Clear and not more intensely coloured than ref. sol. BY6
Acidity or alkalinity	= < 0.1 mL of 0.1 M NaOH
Viscosity	105 - 130 mPa·s
Freezing point	4 - 8 °C
Hydroxyl value	264 - 300
Reducing substances	Not more intensely coloured than ref. sol. R3
Formaldehyde	= < 30 ppm
Ethylene glycol and diethylene glycol	= < 0.4 %
Ethylene oxide and dioxan	
Ethylene oxide	= < 1 ppm
Dioxan	= < 10 ppm
Water	= < 2.0 %
Sulfated ash	= < 0.2 %

COMPLIES WITH

European Pharmacopoeia 11.0

STORAGE

Store it in a fresh, dry and well-ventilated place.

REMARKS

Polyethyleneglycol 400 is subjected to the requirements of the ICH Q3D "Elemental Impurities" guideline and the requirements of guides EMA/CHMP/ICH/82260/2006.

The product is not of animal origin and no animal product is used in its production, so it is risk-free BSE/TSE.

The product is not derived from GMO. No genetically modified organism is used in its production and no GMO product comes in contact with the product during any stage of production.