

POLIKOL 300PF

CHEMICAL NAME	Polyethylene glycol Ph. Eur; Macrogol 300
INCI NAME	PEG-7
CAS NUMBER	25322-68-3
FUNCTION	Solvent, solubilising agent, intermediate
TECHNICAL REQUIREMENTS	<p>Samenesscomplies with A, B,C tests</p> <p>Appearance at (20±25)°C..... clear, viscous, colorless or almost colorless, hygroscopic liquid</p> <p>Solution appearance≤ color of the comparative solution BY₆</p> <p>Hydroxyl value, mg KOH/g340 ÷ 394</p> <p>Acidity or alkalinity, mL.....≤ 0.10</p> <p>Water, %(m/m)≤ 2.0</p> <p>Kinematic viscosity at 20°C, mm²/s.....71 ÷ 94</p> <p>Dynamic viscosity at 20°C, mPa·s.....80 ÷ 105</p> <p>Sulphated ash, % (m/m).....≤ 0.2</p> <p>Formaldehyde, ppm ≤ 30</p> <p>Ethylene oxide, ppm..... ≤ 1</p> <p>Dioxane, ppm ≤ 10</p> <p>Reducing substances ≤ color of the comparative solution R₃</p> <p>Total glycol content, % (m/m).....≤ 0.4</p>
GENERAL DATA	-
APPLICATION	<p>The product meets the quality requirements of the current Ph Eur version. Solvent and solubilising agent for active substances and excipients of pharmaceutical formulations present in liquid and semi – liquid forms. Also used as an intermediate in the synthesis of active ingredients. The formaldehyde content may increase during storage.</p>