

POLIKOI 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>Sameness complies with A, B,C tests</p> <p>Appearance at (20÷25)°C.....clear, colorless viscous liquid</p> <p>Solution appearance≤ color of the comparative solution BY6</p> <p>Hydroxyl value, mg KOH/g 340 ÷ 394</p> <p>Acidity or alkalinity, mL ≤ 0.1</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>Heavy metals, ppm ≤ 20</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>