

POLIKOI 1500PF

CHEMICAL NAME	Polyethylene glycol Ph. Eur; Macrogol 1500
INCI NAME	PEG-34
CAS NUMBER	25322-68-3
FUNCTION	Solvent, solubilising agent
TECHNICAL REQUIREMENTS	<p>Sameness complies with A, B,C tests</p> <p>Appearance at (20±25)°C white or almost white solid with a waxy or paraffin-like appearance</p> <p>Solution appearance the solution is clear and do not more intensely coloured than reference solution BY₆</p> <p>Hydroxyl value, mg KOH/g 70 ÷ 80</p> <p>Acidity or alkalinity, mL ≤ 0.1</p> <p>Water, %(m/m) ≤ 2.0</p> <p>Kinematic viscosity at 20 ± 0.1°C, mm²/s 31 ÷ 46</p> <p>Dynamic viscosity at 20 ± 0.1 °C, mPa·s 34 ÷ 50</p> <p>Sulphated ash, % (m/m) ≤ 0.2</p> <p>Formaldehyde, ppm ≤ 30</p> <p>Ethylene oxide, ppm ≤ 1</p> <p>1,4-Dioxane, ppm ≤ 10</p> <p>Reducing substances ≤ color of the comparative solution R₃</p> <p>Freezing point, °C 42 ÷ 48</p>
GENERAL DATA	-
APPLICATION	The product meets the quality requirements of the current 10 Ph Eur version. Solvent and solubilising agent for active substances and excipients of pharmaceutical formulations present in liquid and semi – liquid forms. The formaldehyde content may increase during storage.