

## POLIKOI 400PF

<b>CHEMICAL NAME</b>	Polyethylene glycol Ph. Eur; Macrogol 400
<b>INCI NAME</b>	PEG-8
<b>CAS NUMBER</b>	25322-68-3
<b>FUNCTION</b>	excipient in pharmaceutical formulation
<b>TECHNICAL REQUIREMENTS</b>	<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 .....264 ÷ 300</p> <p>Acidity or alkalinity, mL ..... ≤ 0.1</p> <p>Water, %(m/m) ..... ≤ 2.0</p> <p>Kinematic viscosity at 20°C, mm<sup>2</sup>/s ..... 94 ÷ 116</p> <p>Dynamic viscosity at 20°C, mPa·s ..... 105 ÷ 130</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>Total glycol content, % (m/m), ..... ≤ 0.4</p>
<b>GENERAL DATA</b>	-
<b>APPLICATION</b>	<p>Macrogols a group of polyethylene glycols are widely used in the production of a pharmaceutical, medical or food industry. These polymers of ethylene oxide are often referred to as PEG, POE, PEO, while the usual name used in the pharmaceutical industry is Macrogols (Macrogol).</p>