

POLIKOI 6000PF

CHEMICAL NAME	Polyethylene glycol Ph. Eur; Macrogol 6000
INCI NAME	-
CAS NUMBER	25322-68-3
FUNCTION	excipient in pharmaceutical formulation
TECHNICAL REQUIREMENTS	<p>Sameness complies with A, B,C tests</p> <p>Appearance at (20±25)°C white wax</p> <p>Solution appearance ≤ color of the comparative solution BY₆</p> <p>Hydroxyl value, mg KOH/g 16 ÷ 22</p> <p>Acidity or alkalinity, mL ≤ 0.1</p> <p>Water, %(m/m) ≤ 1.0</p> <p>Kinematic viscosity at 20°C, mm²/s 185 ÷ 250</p> <p>Dynamic viscosity at 20°C, mPa·s 200 ÷ 270</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>Melting point,°C.....55 ÷ 61</p>
GENERAL DATA*	-
APPLICATION	<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>