POLIkol 400PF

CHEMICAL NAME	Polyethylene glycol Ph. Eur; Macrogol 400
INCI NAME	PEG-9
CAS NUMBER	25322-68-3
FUNCTION	excipient in pharmaceutical formulation
TECHNICAL REQUIREMENTS	Sameness .....complies with A, B,C tests Appearance at (20÷25)°C .....clear, colorless viscous liquid Solution appearance .....≤ color of the comparative solution BY6 Hydroxyl value, mg KOH/g .....264 ÷ 300 Acidity or alkalinity, mL ..... ≤ 0.1 Water, %(m/m) ..... ≤ 2.0 Kinematic viscosity at 20°C, mm2/s ..... 94 ÷ 116 Dynamic viscosity at 20°C, mPa·s ..... 105 ÷ 130 Sulphated ash, % (m/m) ..... ≤ 0.2 Formaldehyde, ppm ..... ≤ 30 Ethylene oxide, ppm ..... ≤ 1 1,4-Dioxane, ppm ..... ≤ 10 Reducing substances ..... ≤ color of the comparative solution R3 Total glycol content, % (m/m), ... ≤ 0.4
GENERAL DATA	-
APPLICATION	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).

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