

POLIKOL 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

Sameness	complies with A, B,C tests
Appearance at (20±25)°C.....	clear, colorless viscous liquid
Solution appearance	≤ color of the comparative solution BY ₆
Hydroxyl value, mg KOH/g	340 ÷ 394
Acidity or alkalinity, mL.....	≤ 0.1
Water, %(m/m)	≤ 2.0
Kinematic viscosity at 20°C, mm ² /s.....	71 ÷ 94
Dynamic viscosity at 20°C, mPa·s.....	80 ÷ 105
Sulphated ash, % (m/m)	≤ 0.2
Heavy metals, ppm	≤ 20
Formaldehyde, ppm	≤ 30
Ethylene oxide, ppm.....	≤ 1
Dioxane, ppm	≤ 10
Reducing substances	≤ color of the comparative solution R ₃
Total glycol content, % (m/m).....	≤ 0.4

GENERAL DATA

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APPLICATION

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.