

ROKAcet R36PF

CHEMICAL NAME	Macrogolglycerol ricinoleate
INCI NAME	PEG – 36 Castor Oil
CAS NUMBER	61791-12-6
FUNCTION	Non- ionic emulsifier
TECHNICAL REQUIREMENTS	<p>Identification.....complies with A, B,C, D tests</p> <p>Appearance at (20±25)°C .clear,..... yellow viscous liquid or semi-solid</p> <p>Solution appearance..... colour ≤BY₅ not more opalescent than reference suspension III</p> <p>Hydroxyl value, mg KOH/g65 ÷ 82</p> <p>Acid value, mg KOH/g ≤ 2.0</p> <p>Water, %(m/m) ≤ 3.0</p> <p>Total ash, %(m/m)..... ≤ 0.3</p> <p>Ethylene oxide, ppm ≤ 1</p> <p>Dioxane, ppm..... ≤ 10</p> <p>Iodine value, gI₂/100g 25 - 35</p> <p>Saponification value, mg KOH/g.....60 ÷ 75</p> <p>Alkalinity, mg KOH/g complies</p> <p>Solubility in water, ethanol, methylene chloride soluble</p> <p>Solubility in light petroleum insoluble</p> <p>Relative density, g/mL..... 1.05</p> <p>Viscosity at (20±25)°C, cP 500 - 800</p>
GENERAL DATA	-
APPLICATION	The product meets the quality requirements of the 9.0 Ph Eur version. Emulsifier and solubilizing agent for water insoluble substances added to oral and topical applied pharmaceutical formulations for example vitamins, essential oils. Also compliant for solution with hydrophobic API's.