

# ROKAcet R35EXC

TECHNICAL SPECIFICATION	PRODUCT
<b>NUMBER</b>	<b>STW:EX/2018/2</b>
<b>DATE</b>	2026-03-16
<b>CHEMICAL NAME</b>	Macrogolglycerol ricinoleate; Polyoxyl 35 Castor Oil
<b>TECHNICAL REQUIREMENTS</b>	Identification ..... complies with A, B,C, D tests <small>(Ph. Eur. 12+Suppl.)</small> Appearance at (20±25)°C .... transparent, yellow viscous liquid or semi-solid paste <small>(Ph. Eur. 12+Suppl.)</small> Solution appearance ..... ≤ color of the comparative solution BY6 not more opalescent than reference suspension III <small>(Ph. Eur. 12+Suppl.)</small> Hydroxyl value, mg KOH/g ..... 65 ÷ 82 <small>(Ph. Eur. 12+Suppl.)</small> Acid value, mg KOH/g ..... ≤ 2.0 <small>(Ph. Eur. 12+Suppl.)</small> Water, %(m/m) ..... ≤ 3.0 <small>(Ph. Eur. 12+Suppl.)</small> Total ash, % (m/m) ..... ≤ 0.3 <small>(Ph. Eur. 12+Suppl.)</small> Ethylene oxide, ppm ..... ≤ 1 <small>(Ph. Eur. 12+Suppl.)</small> 1,4-dioxane, ppm ..... ≤ 10 <small>(Ph. Eur. 12+Suppl.)</small> Iodine value, gJ <sub>2</sub> /100g ..... 25 ÷ 35 <small>(Ph. Eur. 12+Suppl.)</small> Saponification value, mg KOH/g ..... 60 ÷ 75 <small>(Ph. Eur. 12+Suppl.)</small> Alkalinity ..... complies <small>(Ph. Eur. 12+Suppl.)</small>
<b>INFORMATIVE DATA*</b>	Relative density, g/mL ..... approx. 1.05 Viscosity at (20±25)°C, mPa·s ..... 500 ÷ 800 Solubility in water, ethanol, methylene chloride ..... soluble Hydrophilic-lipophilic balance (HLB) ..... approx. 13

\* These informative data are not technical requirements and cannot form the basis for any claims.

<b>USE</b>	Emulsifier and solubiliser for water-insoluble ingredients in pharmaceutical formulations for oral and topical application, such as vitamins and essential oils. The product is suitable for creating solutions of hydrophobic drugs. The product meets the parameters contained in the monograph from the current version of the European Pharmacopoeia
<b>PACKAGING</b>	Packaging as agreed with the customer.
<b>STORAGE</b>	ROKAcet R35EXC is stable for 2 years when stored in original, tightly closed containers. It is recommended that the ambient temperature during long-term storage is between 5°C and 25°C, with the extreme acceptable range being between 0°C and 30°C. Storage at higher temperatures is only possible for a short time.
<b>SHELF LIFE</b>	24 months from the date of manufacture
<b>TRANSPORTATION</b>	<b>This product is not regulated for carriage according to ADR/RID, IMDG, ICAO/IATA</b>
<b>CLASSIFICATION AND LABELLING</b>	This technical specification is applicable only if accompanied by the Safety Data Sheet in force. Pursuant to statutory requirements, only the Safety Data Sheet includes updated safety information.

The information contained herein is provided in good faith, based on our state of the art knowledge and experience. We reserve the right to amend this Technical Specification as a result of technological progress and product development by the manufacturer.

This product is intended for the purposes specified herein, for industrial and professional use. To use the product for purposes other than indicated herein, please contact **PCC EXOL SA** for consultation sending an e-mail to: [industrial.application@pcc.eu](mailto:industrial.application@pcc.eu)

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