



Juin 2016

**SPECIFICATIONS**  
**ORGANIC GLYCERIN 100% PALM FREE (Eur. Ph.)**  
**Conform to the European Pharmacopoeia**

Extraction process / Procédé d'extraction: Extracted from organic Karanja Oil / Extraite à partir d'huile de Karanja Bio  
INCI name/CTFA name: GLYCERIN / GLYCERIN  
CAS number/EINECS number: 56-81-5 / 200-289-5

Shelf life/Durée de vie: 1 year after date of control/1 an

**CHARACTERISTICS**

Appearance/Aspect (Conform Eur.Ph./Conform Ph. Eur.): Syrupy liquid, unctuous to the touch, Colourless or nearly, clear and very hygroscopic / Liquide sirupeux, onctueux au toucher, incolore ou sensiblement incolore, limpide, très hygroscopique  
Solubility/Solubilité: Soluble in water and alcohol, slightly soluble in acetone, Insoluble in ether and other organic solvents / Soluble dans l'eau et l'alcool ; peu soluble dans l'acétone. Insoluble dans l'éther et autres solvants organiques

Density at 25°C (g/cm<sup>3</sup>)/Densité: 1.257 – 1.275  
Refractive index at 20°C (identification A)/Indice de réfraction: 1.471 – 1.474  
Glycerol content/ Teneur en glycérol: ≥ 99.5%  
Water content/ Teneur en eau: ≤ 2%  
IR spectrum (identification B): Conform  
Identification C: Conform  
Identification D: Conform

Sulphuric ashes at 800 +/- 25°C/ Cendres sulfuriques: ≤ 0.01% (m/m)  
Halogenated compound/ Composés halogénés: ≤ 35 mg/kg  
Acidity or Alkalinity/ Acidité ou alcalinité: ≤ 0.2ml  
Aldehydes: ≤ 10 ppm  
Esters: ≥ 8 ml HCl 0.1M  
Impurities A (diethylene glycol)/ Impuretés A: ≤ 0.1%  
Impurity A and related substances: Conform PE  
Impuretés A et substances apparentées  
Sugar/ Sucres: Conform PE  
Chlorides/Chlorures: ≤ 10 ppm  
Heavy metals/ Métaux lourds: ≤ 5 mg/kg  
As: < 1 mg/kg  
Pb: < 1 mg/kg  
Hg: < 0.1 mg/kg  
Cd: < 0.1 mg/kg

*Organochlorine and organophosphorus pesticide residues: not detectable*  
*Pesticides organochlorés et organophosphorés : non détectables*

**Raw material certified by ECOCERT GREENLIFE**  
**NOP CERTIFIED**  
**NATRUE CERTIFIED**  
**KOSHER CERTIFIED**