

# Product - Specification

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Reg-No.: Sp602105b

Rev-No.: b

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Product / Trading-Name: **Glycerol 99% vegetable origin organic DE-ÖKO-001**

**Product No.:** 602105

**CAS No.:** 56-81-5

**EINECS No.:** 200-289-5

**INCI Name:** Glycerin

**Properties:** A syrupy liquid, unctuous to the touch, colourless or almost colourless, clear, very hygroscopic, miscible with water and with alcohol, slightly soluble in acetone, practically insoluble in fatty oils and in essential oils.

Parameter	Method	Unit	Value
<b><u>Physical and Chemical Characteristics</u></b>			
refractive index (20 °C)	Ph. Eur. [2.2.6]		1,470 - 1,475
acidity or alkalinity	Ph. Eur.		complies with
esters	Ph. Eur.		complies with
relative density (20 °C)	Ph. Eur. [2.2.5]		1,258 - 1,268
sugars	Ph. Eur.		complies with
aldehydes	Ph. Eur.	ppm	max. 10
halogenated compounds	Ph. Eur.	ppm	max. 35
chlorides	Ph. Eur. [2.4.4]	ppm	max. 10
water	Ph. Eur. [2.5.12]	%	max. 2,0
sulphated ash	Ph. Eur. [2.4.14]	%	max. 0,01
assay	Ph. Eur.	%	98,0 - 101,0

### **Impurity A and related substances**

impurity A	Ph. Eur.	%	max. 0,1
any other impurity ret.time < glycerol	Ph. Eur.	%	max. 0,1
total impurities ret.time > glycerol	Ph. Eur.	%	max. 0,5

### **Storage:**

**Keep in well closed, well filled containers or under inert gas, protect from light, cool and dry.**

### **Residual Solvents:**

**It complies with the guideline CHMP/ICH/82260/2006 (residual solvents)**

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<b>Date:</b>	25.10.21	<b>Date:</b>	25.10.21	<b>Date:</b>	26.10.21

