

# Product - Specification

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Product / Trading-Name: **Glycerol 99 % vegetable Ph. Eur. 11.0**

**Product No.:** 602005

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

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

**INCI Name:** Glycerin

**Properties:** Clear, colourless or almost colourless, very hygroscopic, syrupy liquid, unctuous to the touch; miscible with water and with ethanol (96%), 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
appearance of solution	Ph. Eur. [2.2.1]/[2.2.2II]		complies with
acidity or alkalinity	Ph. Eur.		complies with
esters	Ph. Eur.		complies with
identification A	Ph. Eur.		complies with
identification B	Ph. Eur.		complies with
identification C (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 CPMP/ICH/82260/2006 (residual solvents)**

<b>Created:</b>	LN	<b>Checked:</b>	TA	<b>Released:</b>	MT
<b>Date:</b>	15.12.22	<b>Date:</b>	19.12.22	<b>Date:</b>	19.12.22

