

Product - Specification

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Reg-No.: Sp601005i

Rev-No.: i

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Product / Trading-Name: **Glycerol 85 % vegetable Ph. Eur. 11.0**

Product No.: 601005

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
<u>Physical and Chemical Characteristics</u>			
refractive index (20 °C)	Ph. Eur. [2.2.6]		1,449 - 1,455
appearance of solution	Ph. Eur. [2.2.1]/[2.2.2II]		complies with
acidity or alkalinity	Ph. Eur.		complies with
identification A	Ph. Eur.		complies with
identification B	Ph. Eur.		complies with
relative density (20 °C)	Ph. Eur. [2.2.5]		1,221 - 1,232
esters	Ph. Eur.		complies with
sugars	Ph. Eur.		complies with
aldehydes	Ph. Eur.	ppm	max. 10
halogenated compounds	Ph. Eur.	ppm	max. 30
chlorides	Ph. Eur. [2.4.4]	ppm	max. 10
water	Ph. Eur. [2.5.12]	%	12,0 - 16,0
sulphated ash	Ph. Eur. [2.4.14]	%	max. 0,01
assay	Ph. Eur.	%	83,5 - 88,5

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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