

Product - Specification

gustavheess
group of companies since 1897

Reg-No.: Sp602005j

Rev-No.: j

Printing Date: 21. January 2026

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Product / Trading-Name: **Glycerol 99 % vegetable Ph. Eur. 12**

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
<u>Physical and Chemical Characteristics</u>			
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

Version Ph.Eur.:

This specification complies with the current version of the Ph.Eur.

Storage:

Continued

Created:	PS	Checked:	RK	Released:	MD
Date:	05.01.26	Date:	07.01.26	Date:	07.01.26



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