

TECHNICAL DATA SHEET

TRADE NAME	PARYOL GLIVE 0592 Ph. Eur. (vegetable origin)
DESCRIPTION	GLYCEROL
INCI NAME	GLYCERIN
CAS NUMBER	56-81-5
EC NUMBER	200-289-5

	U.M.	Test methods	Range
Physical status at 25°C		Visual	Syrupy liquid, unctuous to the touch
Solubility			miscible with water and ethanol (96%), slightly soluble in acetone, practically insoluble in fatty oils and essential oils
Glycerol	%	Ph. Eur. IX	98 – 101
Solution S		Ph. Eur. IX	Clear
Appearance solution S (10ml S/25mlH ₂ O)		Ph. Eur. IX	Colourless
Colour	APHA	AOCS Ea 9-65	≤ 10
Acidity or alcalinity	ml	Ph. Eur. IX	≤ 0.2
Refractive index		Ph. Eur. 2.2.6	1.470 – 1.475
Aldehydes & reducing substances	ppm	Ph. Eur. IX	≤ 10
Esters*	ml	Ph. Eur. IX	≥ 8.0
Impurity A & relative substances		Ph. Eur. IX	Conform
Halogenated compounds	ppm	Ph. Eur. IX	≤ 35
Sugar		Ph. Eur. IX	Conform
Chlorides	ppm	Ph. Eur. IX	≤ 10
Water	%	Ph. Eur. 2.5.12	≤ 2
Sulphated ash	%	Ph. Eur. 2.4.14	≤ 0.01

*Not less than 8.0 ml of hydrochloric acid is required to change the colour of the indicator

Shelf life

24 months minimum in cool conditions in unopened container