

Code: 1108115 - Vegetable origin

Our distilled Glycerol meets the requirements of the European Pharmacopoeia 7th Edition.

CAS number:
56 - 81 - 5

EINECS number:
2002895

Other names:
1,2,3-propanetriol; propan-1,2,3-triol

TECHNICAL SPECIFICATIONS

Parameter	Analytical method	Unit	Specification
Identification	SEVEN_MA001	-	Conformity
	SEVEN_MA002	-	Conformity
Appearance of solution	SEVEN_MA003	-	Clear and colourless
Colour	SEVEN_MA004	- APHA	≤10
Acidity or Alkalinity	SEVEN_MA005	ml NaOH 0.1 M	≤0.2
Refractive index (n _D ²⁰)	SEVEN_MA001	-	1.470 ÷ 1.475
Aldehydes	SEVEN_MA006	ppm as CH ₂ O	≤10
Esters	SEVEN_MA007	ml HCl 0.1 M	≥8.0
Impurity A and related substances	SEVEN_MA008	area %	Impurity A (DEG): ≤0.1 Impurity RT<Glycerol: ≤0.1 Impurity RT>Glycerol: ≤0.5
Halogenated compounds	SEVEN_MA009	ppm as Cl	≤35
Sugars	SEVEN_MA010	-	Conformity
Chlorides	SEVEN_MA011	ppm as Cl	≤10
Heavy Metals	SEVEN_MA012	ppm	≤5
Sulphated ashes	SEVEN_MA014	%	≤0.01
Water	SEVEN_MA013	%	≤0.5
Assay	SEVEN_MA015	%	≥99.5
Relative Density 25/25°C	SEVEN_MA018	-	1.260 ÷ 1.2633

Aspect: Syrupy liquid, colourless or almost colourless, clear, unctuous to the touch.

Solubility: Miscible with water and with ethanol (96%), slightly soluble in acetone, practically insoluble in fatty oils and in essential oils.

Applications: detergents, animal feeding, printing inks, pharmaceutical industry, polyesters resins, personal care.

Storage: In a airtight container, protect from direct sunlight, in clean and dry conditions at ambient temperature (5-35 °C). Stainless steel or aluminum unloading lines and containers should be preferably used in place of plastic or rubber. The product should be stored long term with a dry inert gas layer provided.

Shelf life: We certify that, following the storage indications, our glycerol maintains its physical and chemical characteristics in conformity with our technical specifications for at least one year from the date of manufacture.

The information given in this technical data sheet are based on the best of our knowledge and experience. Seven b-oil srl will guarantee the chemical physic constancy of its products within the value above mentioned. The final result is under the responsibility of the user, who must verify that the product corresponds to his requirements in matter of safety, adequate equipment for application and environmental conditions prior to use. Seven b-oil srl commercial and technical staff is at your complete disposal to solve possible problems regarding the correct application of our products.

SEVEN B-OIL SRL