

Glycerin 99.5 %

Product specification

Item number: 40-002

Chemical product:	Glycerin, min. 99.5 %
Chemical name:	1,2,3-Propantriol
Chemical formula:	C ₃ H ₈ O ₃
Mol mass:	92.1 g/mol
CAS-No:	56-81-5
EINECS:	200-289-5
Appearance:	Clear, nearly colourless, hygroscopic, syrupy liquid with mild typical smell.
Origin:	Pure vegetable basis. The parameters of the specification are closed to the European Pharmacopoeia.

Parameter Specification

Glycerin (Assay)	99.5 % - 99.9 %
Appearance of solution	Clear
Acidity or Alkalinity	<= 0.3 ml NaOH 0,1N
Refractive index (nD20)	1.470-1.475
Esters	>= 7 ml HCl 0,1N
Impurities before Glycerin peak	<= 0.15 %
Halogenated compounds	<= 35 ppm
Chlorides	<= 10 ppm
Water	<= 0.2 %
Density at 20°C	1.260-1.265 g/cm ³
APHA-Colour ASTM D1209	<= APHA 20

Delivery form

Preferably bulk liquid in road tanker, rail tank wagon, ISO-container. Delivery in flexitanks, steel drums and IBCs is possible subject to product handling considerations above.