



# 甘油 - Pharmaceutical Glycerin

Made in Germany

## Products

Pharma glycerine	99,7%	Pharma glycerine	86,5%
Technical glycerine	99,5%	Technical glycerine	86,5%

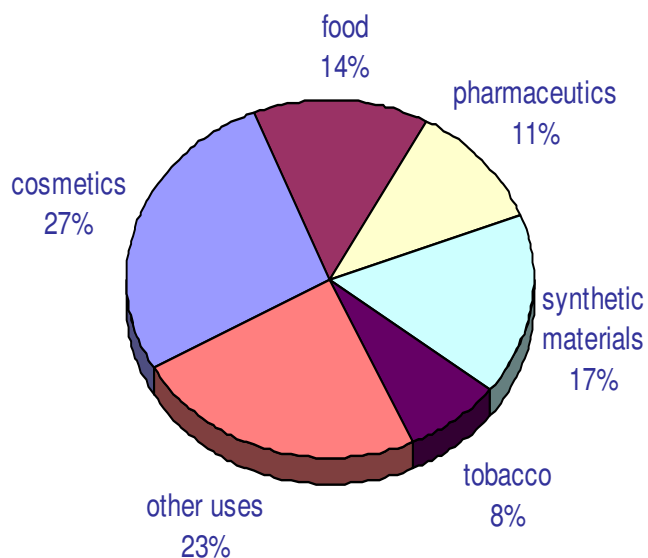
## Specifications

Properties	Glycerin 99,5 %	Glycerin 86,5 %
Appearance of Solution	Free from visible foreign matter	Free from visible foreign matter
Smell	Nearly odourless	Nearly odourless
Colour (APHA)	< 10	< 10
Glycerine content	≥ 99.5 %	≥ 86,5 %
Identification	Passes A,C,D Limit tests	Passes A,C,D Limit tests
Density at 20°C	1.26 g/cm <sup>3</sup>	1,23 g/cm <sup>3</sup>
Alkalinity or Acidity	max. 0.2 ml of 0.1N NaOH Solution	max. 0,2 ml of 0,1N NaOH Solution
Refractive index (nD 20)	1.471-1.474	1,449-1,455
Aldehydes	< 10 ppm	< 10 ppm
Esters	Passes Test	Passes Test
Halogen Compounds	< 35 ppm	< 30 ppm
Sugars	Passes Test	Passes Test
Chloride	< 10 ppm	< 10 ppm
Heavy Metals	< 5 ppm	< 5 ppm
Water	< 0.5%	< 14,5%
Sulphated Ash	< 0.01%	< 0,01%
Organic volatile impurities (USP)	Passes Test	Passes Test
Diethylene glycol and related Substances (by GC)	Passes Test	Passes Test



### Application

- Core area: cosmetics, pharmaceuticals, food and beverages industry, tobacco
- Important raw material in the chemical industry (alkyd resins, polyurethane)
- Substitute for other polyols as solvent and anti-freeze agent



**For further Information please contact**

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