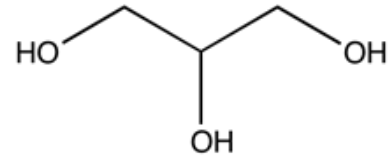


**Glycerol anhydrous, molecular biology grade****Identification**

$C_3H_8O_3$   
M = 92,10 g/mol  
CAS [56-81-5]  
EC number: 200-289-5  
Taric code: 2905 45 00

**Synonyms**

Glycerin, 1,2,3-Propanetriol

**Applications**

analytical chemistry, synthesis of organic products, in explosive compositions, cosmetics, for pharmaceuticals synthesizing.

**Specifications**

assay (acidimetric, on dried sample)..... min. 99 %  
identity (IR-spectrum)..... passes test  
absorbance of an aqueous solution 0,5 M in a 1 cm cell at 260 nm  
max. 0,07 AU

absorbance of an aqueous solution 0,5 M in a 1 cm cell at 280 nm  
max. 0,02 AU  
heavy metals (as Pb)..... max. 2 ppm  
DNases, RNases, Proteases ..... non detected

**Physical data**

- Density: 1,26 g/cm<sup>3</sup>
- Solub. in water: (20 °C): miscible
- Melting point: 18 °C
- Boiling point: (0,09 hPa) 120 °C
- Flash point: 160 °C
- Ignition temperature: 400 °C
- Vapour pressure: (20 °C) < 0,001 hPa
- Expl. limit (lower): 0,9 Vol%
- pH(100 g/l H<sub>2</sub>O, 20 °C) ~ 5
- Hygroscopic

**Transport/storage**

- 10°C - 30°C