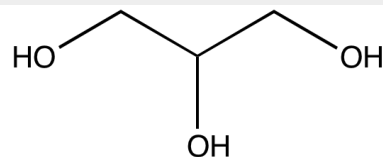


Glycerol anhydrous, molecular biology grade**Identification**

$C_3H_8O_3$
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 %	heavy metals (as Pb).....	max. 2 ppm
identity (IR-spectrum).....	passes test	DNases, RNases, Proteases	non detected
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		

Physical data

- Density: 1,26 g/cm³
- 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 H₂O, 20 °C) ~ 5
- Hygroscopic

Toxicological data

- LD 50 (oral, rat): 12600 mg/kg
- WGK: 1
- Poison class CH (Swiss): F