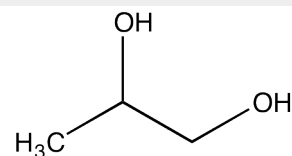


**1,2-Propylene glycol, reagent grade, Reag. Ph Eur****Identification**

C<sub>3</sub>H<sub>8</sub>O<sub>2</sub>  
M = 76,10 g/mol  
CAS [57-55-6]  
EC number: 200-338-0  
Taric code: 2905 32 00

**Synonyms**

1,2-Propanediol, 1,2-Dihydroxypropane




**Applications**

in antifreeze compositions, for pharmaceuticals synthesizing, emulsifier, manufacturing of synthetic resins.

**Specifications**

assay (G.C.).....	min. 99,5 %	arsenic (As).....	max. 0,00005 %
identity (IR-spectrum).....	passes test	heavy metals (as Pb).....	max. 0,00005 %
density (20°/4°).....	1,036 - 1,037	iron (Fe).....	max. 0,00005 %
free acid (as CH <sub>3</sub> COOH).....	max. 0,003 %	peroxides (as H <sub>2</sub> O <sub>2</sub> ).....	max. 0,001 %
chlorides (Cl).....	max. 0,0001 %	residue on ignition.....	max. 0,002 %
sulfates (SO <sub>4</sub> ).....	max. 0,0001 %	water (K.F.).....	max. 0,1 %

**Packaging****Packaging Code**

1 l  PR00881000  
2,5 l  PR00882500  
25 l  PR0088025P

**Physical data**

- Density: 1,04 g/cm<sup>3</sup>
- Solub. in water: (20 °C): miscible
- Melting point: -59 °C
- Boiling point: 188 °C
- Flash point: 99 °C
- Ignition temperature: 371 °C
- Vapour pressure: (20 °C) 0,11 hPa
- Refraction index: (n 20 °C/D) 1,43
- Expl. limit (upper): 17,4 Vol%
- Expl. limit (lower): 2,4 Vol%
- pH(100 g/l H<sub>2</sub>O, 20 °C) 6 - 8
- Hygroscopic

**Toxicological data**

- LD 50 (oral, rat): 19400 - 36000 mg/kg
- WGK: 1
- Poison class CH (Swiss): F

**Transport/storage**

- Store between 15°C and 25°C