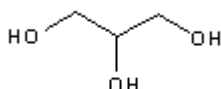


**PRODUCT CODE: 122329****Glycerol 87% for analysis**

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M.= 92,10

CAS [56-81-5]

EINECS 200-289-5

TARIC 2905 45 00 00

**SYNONYMS:** 1,2,3,-Propanetriol, Glycerol

**PHYSICAL DATA:** liquid, Clear, viscous, Colourless, Thermal decom. above 130 °C • Miscible with water • D 20/4 1,23 • M.P.: -10 °C • B.P.: 130 °C 1.000 hPa • pH(100 g/l)5 • Flash P.:~177 °C • Ign. T.:~429 °C • Viscosity 20 °C 136 mPa.s • Dielec. constant 20 °C 42,5 • Heat evap. 130 °C 826 KJ/Kg •

**BIBLIOGRAPHY:** Merck Index **12**, 4.493 13, 4.497 Sax **GGA000** • Safety **2**, **1782 D** • Römp **8**, **1512** • Kühn-Birett **G 4** • Ullmann **(5.)12**, 477 • Beilstein **1**, **502 I**, **266 II**, **575 III**, **2297 IV**, **2751** • BRN 635685 • ACS **XI** • BP.**2018** • Ph. Eur. **8.0** (2014) **9.0** (2017) • F.C.C **IV176** • Directive 98/86/EC • Regulation (EU) n° 231/2012 BS 2621-5 •

**HAZARDOUS:** RTECS: MA 8050000 • LD50 oral mus 4.090 mg/kg • LD50 oral rat 12.600 mg/kg • LD50 ipr mus 8.700 mg/kg VLA-ED 10 mg/m3

**WEIGHT/VOLUME INFORMATION:** 1l~1,228 kg      1kg~0,814 l

**SPECIFICATIONS:**

Assay (C3H8O3)

86,0-88,0 %

Density at 20/4

1,224-1,232

**Maximum limit of impurities**

Acidity	0,0005 meq/g
Alkalinity	0,0003 meq/g
Insoluble matter in H2O	passes test
Darkened substances by H2SO4	passes test
Reducing substances of AgNO3	passes test
Residue on ignition (as SO4)	0,005 %
Chloride (Cl)	0,0001%
Ammonium (NH4)	0,0005%
Sulfate (SO4)	0,0005%
Fatty acid esters (as C15H26O6)	0,05%
Water (H2O)	12,0-14,0 %
As	0,00004 %
Cu	0,0001 %
Fe	0,0001 %
Ni	0,0001 %
Pb	0,0001 %

**DOES NOT COME FROM ANIMAL ORIGIN.**