PanReac AppliChem ITW Reagents

PRODUCT CODE: 251086

Ethanol absolute for clinical diagnosis
Sanitary product for in vitro diagnostic class A.

C_2H_6O
CH_3CH_2OH

M.= 46,07 CAS [64-17-5] EINECS 200-578-6
TARIC 2207 10 00 90

SYNONYMS: Ethyl Alcohol

PHYSICAL DATA: liquid, Clear, Colourless, Miscible with water and most of the solvents • D 20/4 0,79 • M.P.: -114,1 °C • B.P.: 78,5 °C • n20/D **:** 1,361 • Flash P.:13 °C • Ign. T.:425 °C • Vap. press. (20 °C) 59 hPa • Viscosity 25 °C 1,2 mPa.s • D. M. 20 °C 1,7 Debye • Dielec. constant25 °C 24,3 • Evap. number (DIN 53170) 8,3 • Heat evap. 78 °C 855 KJ/Kg • Satur. conc. 20 °C 105 g/m3 • Expl. limit3,5 %(V)15 %(V) •
BIBLIOGRAPHY: Merck Index **12,** 3.806 13**,** 3.795 Sax **EFU**300 • Ullmann **(5.)**9 , 587 • Beilstein **1 , IV , 1289** • BRN 1718733 • ACS **XI** • ISO 6353/2-1983 R -11 , 14 • BP**.2018** • USP **41** • Ph. Eur. **8.0** (2014) **9.0** (2017) • F.C.C **10 11** • Directive 88/344/E.C.E.92/115/E.C.E.94/52/EC97/60/EC (27/10/1997) 2009/32/CE • Ph. U. IX , 74, Ph.Fr. X , 15, Royal Decree 472/1990 (6/4/1990) , 2667/1998 (11 /12/1998), 1101/2011 (22/7/2011), JP XV •

HAZARDOUS: C.E: 603-002-00-5 • RTECS: KQ 6300000 • LD L0 oral hmn 1.400 mg/kg • LD50 oral rat 7.060 mg/kg • LC L0 inh gpg 21900 ppm • LC50 inh rat 20000 ppm / 10h • VLA-ED 1.000 ppm1.910 mg/m3

H: H225 • H319 •
P: P210 • P233 • P240 • P241 • P242 • P501 • P243 • P280 • P303+P361+P353 • P370+P378 • P403+P235 • P264 • P305+P351+P338 • P337+P313 •

TRANSPORT REGULATIONS: UN: 1170 • ADR: 3/II • IMDG: 3/II • IATA: 3/II • PAX: 353 • CAO: 364 • (D/E) •

WEIGHT/VOLUME INFORMATION: 1l~0,790 kg 1kg~1,266 l

OBSERVATIONS: May be subject to special tax. • Storage away from direct light, away from sources of ignition and heat. Storage at temperature below 25ºC. •

SPECIFICATIONS:

Assay (G.C.) (v/v)	99,8%
Identity :	
Identity	IR passes test
Density at 20/4	0,789-0,790
Maximum limit of impurities	
Non-volatile matter	0,0005 %
Filtered product (1 mm).	
Water (H2O)	0,2 %