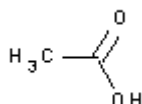


PRODUCT CODE: 122703

Acetic Acid 96% for analysis

C₂H₄O₂

CH₃COOH



M.= 60,05

CAS [64-19-7]

EINECS 200-580-7

TARIC 2915 21 00 90

PHYSICAL DATA: liquid, Clear, Colourless, Miscible with water • Hygroscopic • D 20/4 1,06 • M.P.: 10 °C • B.P.: 118 °C • pH(10 g/l sol.)2,5 • Flash P.:40 °C • Vap. press. (20 °C) 15,4 hPa • Viscosity 25 °C 1,53 mPa.s • D. M. 20 °C 1,5 en Debye • Dielec. constant20 °C 6,1 • Evap. number (DIN 53170) 24 • Heat evap. 118 °C 665 KJ/Kg • Satur. conc. 20 °C 38 g/m3 • Expl. limit4 %(V)17 %(V) •

BIBLIOGRAPHY: Merck Index **12**, 52 13, 56 Sax **AAT250** • Safety **2** , **13 A** • Römp **8** , **1185** • Kühn-Birett **E 6** • Beilstein **2** , **96 IV** , **94** • BRN 506007 • Fieser **25 53 71 81** •

HAZARDOUS: C.E: 607-002-00-6 • RTECS: AF 1225000 • LD L0 oral rbt 1.200 mg/kg • LD50 oral rat 3.310 mg/kg • LC50 inh mus 5620 ppm / 1h • LD50 skn rbt 1.060 mg/kg • VLA-EC 15 ppm37 mg/m3 VLA-ED 10 ppm25 mg/m3



H: H226 • H314 •

P: P210 • P233 • P240 • P241 • P242 • P501 • P243 • P260 • P264 • P280 • P301+P330+P331 • P303+P361+P353 • P304+P340 • P305+P351+P338 • P310 • P321 • P338 • P363 • P370+P378 • P403+P235 • P405 •

TRANSPORT REGULATIONS: UN: 2789 • ADR: 8(3)/II • IMDG: 8(3)/II • IATA: 8(3)/II • PAX: 851 • CAO: 855 • (D/E) •

WEIGHT/VOLUME INFORMATION: 1l-1,06 kg 1kg-0,94 l

SPECIFICATIONS:

Minimum assay (Acidim.)

96,0%

Maximum limit of impurities

APHA colour	10
Insoluble matter in H ₂ O	passes test
Non-volatile matter	0,001 %
Reducing substance to KMnO ₄	passes test
Residue on ignition (as SO ₄)	0,0005 %
Chloride (Cl)	0,0001%
Sulfate (SO ₄)	0,0001%
Reducing substances to K ₂ Cr ₂ O ₇	passes test
Nitrate (NO ₃)	0,0001%
Acetaldehyde (CH ₃ CHO)	0,0002%
Formate (HCOO)	0,01%
Ag	0,000001 %
Al	0,000005 %
As	0,00005 %
Ba	0,00001 %
Be	0,000001 %
Ca	0,00005 %
Cd	0,000001 %
Co	0,000001 %
Cr	0,000002 %
Cu	0,000001 %
Fe	0,00001 %
K	0,00001 %
Li	0,000001 %
Mg	0,00001 %
Mn	0,000001 %
Na	0,00005 %
Ni	0,000005 %
Pb	0,000002 %
Sr	0,000005 %
Zn	0,000005 %