



PRODUCT CODE: 196884

Acetic Acid 25% w/w pharma grade

$C_2H_4O_2$
 CH_3COOH

M.= 60,05

CAS [64-19-7]

EINECS 200-580-7

TARIC 2915 21 00 90

PHYSICAL DATA: liquid, Clear, Colourless, Miscible with water • D 20/4 1,031 •

BIBLIOGRAPHY: Merck Index **13**, 56 14, 55

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 (CH₃COOH) 15 ppm37 mg/m³ VLA-ED 10 ppm25 mg/m³



H: H314 •

P: P260 • P264 • P280 • P301+P330+P331 • P303+P361+P353 • P501 • P304+P340 • P305+P351+P338 • P310 • P321 • P363 • P405 •

TRANSPORT REGULATIONS: UN: 2790 • ADR: 8/III • IMDG: 8/III • IATA: 8/III • PAX: 852 • CAO: 856 • (E) •

WEIGHT/VOLUME INFORMATION: 1l~1,031 kg 1kg~0,97 l

SPECIFICATIONS:

Assay (Acidim.)

23-27 %

Identity :

Identity according to Pharmacopoeias:

passes test

Maximum limit of impurities

Appearance	passes test
Insoluble matter in H ₂ O	passes test
Non-volatile matter	0,005 %
Reducing substances	passes test
Easily oxidable substances	passes test
Chloride (Cl)	0,001%
Sulfate (SO ₄)	0,001%
Residual solvents (Ph.Eur/USP)	passes test
Aldehydes (as CH ₃ CHO)	0,05%
Contamination Total aerobic microbial count (TAMC)	100 cfu /g
Total combined yeast and moulds (TYMC)	100 cfu /g
Heavy metals (as Pb)	0,0005%

Fe 0,0005 %

Elemental impurities (ICH Q3D):

Class 1

Cd	0,5 ppm
Pb	0,5 ppm
As	1 ppm
Hg	1,5 ppm

Class 2A

Co	5 ppm
V	10 ppm
Ni	5 ppm

Class 2B

Tl	0,8 ppm
Au	10 ppm
Pd	10 ppm
Ir	10 ppm
Os	10 ppm
Rh	10 ppm
Ru	10 ppm
Se	15 ppm
Ag	15 ppm
Pt	10 ppm

Class 3

Li	55 ppm
Sb	120 ppm
Ba	140 ppm
Mo	25 ppm
Cu	5 ppm
Sn	600 ppm
Cr	25 ppm

This product has been manufactured with a raw material which passes the RFE, USP-NF, BP, Ph. Eur. specifications.