

Acetic acid glacial, Ultratrace®, ppt-trace analysis grade

Identification

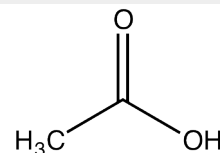
CH₃COOH

M = 60,05 g/mol

CAS [64-19-7]

EC number: 200-580-7

Taric code: 2915 21 00



Synonyms

Methane carboxylic acid, Methylformic acid

Specifications

assay (acidimetric).....	min. 99 %	manganese (Mn).....	max. 10 ppt
aluminium (Al).....	max. 50 ppt	molybdenum (Mo).....	max. 10 ppt
antimony (Sb).....	max. 50 ppt	neodymium (Nd).....	max. 1 ppt
arsenic (As).....	max. 50 ppt	nickel (Ni).....	max. 50 ppt
barium (Ba).....	max. 10 ppt	platinum (Pt).....	max. 50 ppt
beryllium (Be).....	max. 10 ppt	potassium (K).....	max. 50 ppt
bismuth (Bi).....	max. 10 ppt	praseodymium (Pr).....	max. 1 ppt
cadmium (Cd).....	max. 10 ppt	rhodium (Rh).....	max. 10 ppt
calcium (Ca).....	max. 50 ppt	rhodium (Rh).....	max. 50 ppt
cerium (Ce).....	max. 10 ppt	rubidium (Rb).....	max. 10 ppt
cesium (Cs).....	max. 10 ppt	ruthenium (Ru).....	max. 50 ppt
chromium (Cr).....	max. 10 ppt	samarium (Sm).....	max. 1 ppt
cobalt (Co).....	max. 10 ppt	scandium (Sc).....	max. 10 ppt
copper (Cu).....	max. 10 ppt	silver (Ag).....	max. 50 ppt
dysprosium (Dy).....	max. 1 ppt	sodium (Na).....	max. 100 ppt
erbium (Er).....	max. 1 ppt	strontium (Sr).....	max. 10 ppt
europium (Eu).....	max. 1 ppt	tellurium (Te).....	max. 1 ppt
gadolinium (Gd).....	max. 1 ppt	terbium (Tb).....	max. 1 ppt
gallium (Ga).....	max. 10 ppt	thallium (Tl).....	max. 10 ppt
germanium (Ge).....	max. 10 ppt	thorium (Th).....	max. 1 ppt
hafnium (Hf).....	max. 10 ppt	thulium (Tm).....	max. 1 ppt
holmium (Ho).....	max. 1 ppt	tin (Sn).....	max. 50 ppt
indium (In).....	max. 1 ppt	titanium (Ti).....	max. 10 ppt
iron (Fe).....	max. 50 ppt	tungsten (W).....	max. 10 ppt
lanthanum (La).....	max. 1 ppt	uranium (U).....	max. 1 ppt
lead (Pb).....	max. 10 ppt	vanadium (V).....	max. 10 ppt
lithium (Li).....	max. 10 ppt	ytterbium (Yb).....	max. 1 ppt
lutetium (Lu).....	max. 10 ppt	yttrium (Y).....	max. 1 ppt
magnesium (Mg).....	max. 50 ppt	zinc (Zn).....	max. 50 ppt
		zirconium (Zr).....	max. 10 ppt

Physical data

- Density: 1,05 g/cm³
- Solub. in water: (20 °C): miscible
- Melting point: 17 °C
- Boiling point: 117 °C
- Flash point: 39 °C
- Ignition temperature: 485 °C
- Vapour pressure: (20 °C) 15,4 hPa
- Refraction index: (20 °C) 1,37
- Expl. limit (upper): 19,9 Vol%
- Expl. limit (lower): 4 Vol%
- pH(50 g/l H₂O, 20 °C) 2,5

Safety - GHS

Signal Word: Danger

Hazard Statements:

H314: Causes severe skin burns and eye damage.

H226: Flammable liquid and vapour.



Precautionary Statements:

P210: Keep away from heat / sparks / open flames / hot surfaces. - No smoking.

P303+P361+P353: IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a POISON CENTER or doctor / physician.

P370+P378: In case of fire: Use ... for extinction.

P405: Store locked up.

P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 8 CF1 II • UN 2789 • ACETIC ACID, GLACIAL or ACETIC ACID SOLUTION
- IMDG: 8 II • UN 2789 • ACETIC ACID, GLACIAL
- IATA/ICAO: 8 II • UN 2789 • ACETIC ACID, GLACIAL
- PAX: 809
- CAO: 813
- 10°C - 30°C