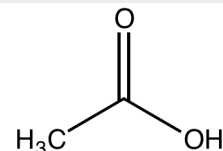


Identification

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. 0,5 ppb
colour (Hazen).....	max. 10	mercury (Hg).....	max. 1 ppb
chlorides (Cl).....	max. 0,0001 %	molybdenum (Mo).....	max. 0,5 ppb
phosphates (as PO ₄).....	max. 0,0001 %	neodymium (Nd).....	max. 0,1 ppb
sulfates (SO ₄).....	max. 0,00005 %	nickel (Ni).....	max. 0,5 ppb
substances reducing	passes test	platinum (Pt).....	max. 0,5 ppb
substances reducing KMnO ₄	passes test	potassium (K).....	max. 1 ppb
aluminium (Al).....	max. 1 ppb	praseodymium (Pr).....	max. 0,1 ppb
antimony (Sb).....	max. 0,5 ppb	rhений (Re).....	max. 0,1 ppb
arsenic (As).....	max. 0,5 ppb	rhodium (Rh).....	max. 0,5 ppb
barium (Ba).....	max. 0,5 ppb	rubidium (Rb).....	max. 0,1 ppb
beryllium (Be).....	max. 0,1 ppb	ruthenium (Ru).....	max. 0,5 ppb
bismuth (Bi).....	max. 0,1 ppb	samarium (Sm).....	max. 0,1 ppb
cadmium (Cd).....	max. 0,5 ppb	scandium (Sc).....	max. 0,1 ppb
calcium (Ca).....	max. 1 ppb	selenium (Se).....	max. 1 ppb
cerium (Ce).....	max. 0,1 ppb	silver (Ag).....	max. 1 ppb
cesium (Cs).....	max. 0,1 ppb	sodium (Na).....	max. 1 ppb
chromium (Cr).....	max. 1 ppb	strontium (Sr)	max. 0,5 ppb
cobalt (Co).....	max. 0,1 ppb	tellurium (Te).....	max. 0,5 ppb
copper (Cu).....	max. 0,5 ppb	terbium (Tb).....	max. 0,1 ppb
dysprosium (Dy).....	max. 0,1 ppb	thallium (Tl).....	max. 0,1 ppb
erbium (Er).....	max. 0,1 ppb	thorium (Th).....	max. 0,1 ppb
europium (Eu).....	max. 0,1 ppb	thulium (Tm).....	max. 0,1 ppb
gadolinium (Gd).....	max. 0,1 ppb	tin (Sn).....	max. 0,5 ppb
gallium (Ga).....	max. 0,1 ppb	titanium (Ti).....	max. 0,5 ppb
germanium (Ge).....	max. 0,5 ppb	tungsten (W).....	max. 0,5 ppb
hafnium (Hf).....	max. 0,1 ppb	uranium (U).....	max. 0,1 ppb
holmium (Ho).....	max. 0,1 ppb	vanadium (V).....	max. 0,5 ppb
indium (In).....	max. 0,1 ppb	ytterbium (Yb).....	max. 0,1 ppb
iron (Fe).....	max. 1 ppb	yttrium (Y).....	max. 0,1 ppb
lanthanum (La).....	max. 0,1 ppb	zinc (Zn).....	max. 1 ppb
lead (Pb).....	max. 0,1 ppb	zirconium (Zr).....	max. 0,1 ppb
lithium (Li).....	max. 0,1 ppb		
lutetium (Lu).....	max. 0,1 ppb		
magnesium (Mg).....	max. 0,5 ppb		

Packaging
Packaging Code

500 ml  AC03580500

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.
P241: Use explosion-proof electrical / ventilating / lighting / equipment.
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.
P405: Store locked up.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Toxicological data

- LD 50 (oral, rat): 3310 mg/kg
- MAK: 10 ml/m³, 25 mg/m³
- WGK: 1
- Poison class CH (Swiss): 3

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
- Store between 15°C and 25°C