

Acetic acid glacial, eluent additive for LC-MS

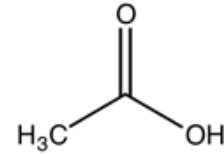
IdentificationCH₃COOH

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. 99,9 %	magnesium (Mg).....	max. 0,1 ppm
identity (IR-spectrum).....	passes test	manganese (Mn).....	max. 0,05 ppm
aluminium (Al).....	max. 0,05 ppm	molybdenum (Mo).....	max. 0,05 ppm
barium (Ba).....	max. 0,05 ppm	nickel (Ni).....	max. 0,05 ppm
cadmium (Cd).....	max. 0,05 ppm	potassium (K).....	max. 0,1 ppm
calcium (Ca).....	max. 0,5 ppm	silver (Ag).....	max. 0,05 ppm
chromium (Cr).....	max. 0,05 ppm	sodium (Na).....	max. 0,5 ppm
cobalt (Co).....	max. 0,05 ppm	strontium (Sr).....	max. 0,05 ppm
copper (Cu).....	max. 0,05 ppm	thallium (Tl).....	max. 0,05 ppm
iron (Fe).....	max. 0,2 ppm	zinc (Zn).....	max. 0,05 ppm
lead (Pb).....	max. 0,05 ppm		
lithium (Li).....	max. 0,05 ppm	suitability for use in LC-MS.....	passes test

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