



## Acetic Acid

CAS Number	Formula
64-19-7	C <sub>2</sub> H <sub>4</sub> O <sub>2</sub> or CH <sub>3</sub> COOH

Acetic acid is a simple monocarboxylic acid with chemical formula CH<sub>3</sub>COOH. It is clear colorless liquid with a strong pungent odor and distinctive sour taste. It is volatile, reactive, and flammable. Acetic acid is a hydrophilic (polar) protic solvent. It is miscible with polar and non-polar solvents such as water, chloroform, and hexane

### SPECIFICATION

Appearance	Clear and Bright
Platinum Cobalt Color	5 Pt/Co
Water Content	0.033 % (m/m)
Relative Density at 20/20°C	1.0511
Freezing Point	16.45°C
Purity	99.90 % (m/m)
Formic Acid	0.005 % (m/m)
Acetaldehyde Content	0.001 % (m/m)
Iron Content	0.11 mg/kg
Non-Volatile Matter	8 mg/kg
Permanganate Time	> 60 min

**MAJOR USE:** In the manufacture of acetic anhydride, cellulose acetate, vinyl acetate monomer, acetic esters, chloroacetic acid, plastics, dyes, insecticides, photographic chemicals, and rubber.

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