

# ACETIC ACID



CAS Number: 64-19-7

Other Names: Vinegar (when dilute); Hydrogen acetate;  
Methanecarboxylic acid

Formula:  $C_2H_4O_2$

## PRODUCT INTRODUCTION

Acetic acid /, systematically named ethanoic acid, is a colourless liquid organic compound with the chemical formula  $CH_3COOH$  (also written as  $CH_3CO_2H$  or  $C_2H_4O_2$ ). When undiluted, it is sometimes called glacial acetic acid.

## PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear, Free from matter in suspension
Color (Pt/Cobalt)	< 5 Pt-Co
Acetic acid Content	99.90 % mass
Crystallization Point	16.40 °C
Density at 20°C	1.0494 Kg/l
Non-Volatile Matter	< 0.003 % mass
Chloride ( as Cl)	< 1 ppm
Sulphates (as $SO_4$ )	< 1 ppm
Iron (as Fe)	< 0.5 ppm
Heavy Metal ((as Pb)	< 0.5 ppm
Water	0.111 %wt
Aldehydes (as Acetaldehyde)	< 0.005 %wt
Formic Acid	< 0.05 % wt
Permanganate Time	> 2 Hours
Initial Boiling Point	117.5 °C
Dry Point	118.0 °C

---

## APPLICATIONS

- Acetic acid is a chemical reagent for the production of chemical compounds. The largest single use of acetic acid is in the production of vinyl acetate monomer, closely followed by acetic anhydride and ester production. The volume of acetic acid used in vinegar is comparatively small.
  - Ester production.
  - Use as solvent.
  - In the manufacture of various acetates, acetyl compounds, cellulose acetate, acetate rayon, plastics and rubber, in tanning printing calico & dyeing silk; as preservative in foods; solvent for gums, resins, volatile oils.
- 

## PACKAGING OPTIONS

Drums

---

To Get a Quote, Email On [marketing@sanjaychemindia.com](mailto:marketing@sanjaychemindia.com)