



## Technical Datasheet

Revision No.: 6.2

Revision Date: 20.04.2021

Document Code: TE-101-207

# Acetic Acid

[www.teamchem.co](http://www.teamchem.co)

## Description

**Acetic Acid** with the chemical formula  $\text{CH}_3\text{COOH}$  is a colorless, transparent organic compound with a sharp odor. Acetic acid is the second simplest carboxylic acid. It can readily be mixed with water, alcohol, ether, or organic compounds.

## Application

**Acetic Acid** is an important agent as a reaction solvent and as a reagent in the production of rubber, plastics, acetate fibers, dyes, insecticides, photographic chemicals and textiles. **Acetic Acid** is also used in the production of vinyl acetate and as esterifying agent in the production of acetate esters.

## Typical Properties

|   |                  |
|---|------------------|
| Appearance                                | Colorless Liquid |
| Purity (MAP-70014)                        | >99.5% wt.       |
| Density (ASTM D-1298)                     | 1.048-1.051      |
| Water Content (ASTM D - 1364)             | Max 0.15% wt.    |
| Formic Acid (ASTM D- 3546)                | Max 0.05% wt.    |
| Total Iron (ASTM D - 394)                 | Max 1 ppm        |
| ACETALDEHYDE (ASTM D - 2191)              | Max 0.05% wt.    |
| Freezing Point                            | 15 -16 °C        |
| Color (ASTM D - 1209)                     | Below 10 APHA    |
| Heavy Metals (as Pb) (ASTM D - 1347)      | Max 0.5 ppm      |
| Chloride (as Cl) (MAP-70020)              | Max 1 ppm        |
| Sulphates (as $\text{SO}_4$ ) (MAP-70021) | Max 1 ppm        |
| Crystallization point (ASTM D - 1493)     | Min 16.35 °C     |

## Packaging

**Acetic Acid** is available in bulk or in 70 liter (60 Kg) PE drums.