

PRODUCT: Acetic acid

Acetic acid, systematically named ethanoic acid, is an organic compound with the chemical formula CH_3COOH (also written as $\text{CH}_3\text{CO}_2\text{H}$ or $\text{C}_2\text{H}_4\text{O}_2$). It is a colourless liquid that when undiluted is also called glacial acetic acid.

Application:

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.

Items	Unit	Standards
Acetic Acid	Wt %	Min 99.85
Freezing Point	° C	Min 16.35
Water	Wt %	Max 0.15
Color	Pt-Co Units	Max 10
Distillation Range	° C	max 1.0
Reducing Substances as Formic Acid	Wt %	Max 0.05
Aldehydes, as Acetaldehyde	Wt %	Max 0.05
Iron	ppm	Max 0.4
Heavy metals, as Pb	ppm	Max 0.5
Chlorides	ppm	Max 1
Sulfates	ppm	Max 1
Sulfurous Acid	ppm	Max 1
Permanganate Time	hours	Min 2