



# YOUNG'S CORPORATION

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## Acetic acid, glacial

1. Chemical Formula CH<sub>3</sub>COOH (Acetic Acid)

2. Application Vinyl acetate, raw material of VAM and PTA

3. Properties Acetic Acid is an organic compound that is widely used in various industries, as a raw material for producing acetic acid ester, fiber, synthetic rubber, vinyl acetate, fine chemicals, and medicines. It is a colorless, transparent liquid with a poignant odor, frozen at normal temperatures (15~16℃). It is freely mixed with water, alcohol, ether, or organic compounds.

### Product Standards

Category	Unit	Standards	Actual
Appearance	-	Clear	Clear
Color(APHA)		Max 5	1.0
Freezing point	C	Min 16.35	16.38
Chloride	ppm	Max 1	0.08
Sulfate(as SO <sub>4</sub> )	ppm	Max 1	0.02
Fe	ppm	Max 0.5	0.14
Heavy Metal as Pb	ppm	Max 0.5	LT 0.01
Water	Wt%	Max 0.15	0.08
Aldehyde	ppm	Max 50	LT 20
Formic acid	Wt%	Max 0.05	0.01
Permanganate Time	Hr	Min 2	Min 2
Purity	Wt%	Min 99.85	99.88
Density	g/ml	1.048-1.051	1.49
Non volatile matter	%	Max 0.003	0.001
Distillation Range	C	117.5-119	117.5-118.9
Total Iodide	ppb		3