

SPECIFICATION

ACETIC ACID GLACIAL

1. Chemical Identity

Chemical Name	: Acetic Acid
Chemical Classification	: Organic Acid
Synonyms	: Vinegar Acid, Ethanoic Acid, Methane
Carboxylic Acid	
Formula	: CH ₃ COOH
Molecular Wt.	: 60.04
Shipping Name	: Acetic Acid
Hazardous Ingredients	:
C.A.S. No.	: 64-19-7

2. Physical / Chemical Data

Solubility in water	: Shall be completely miscible
Relative density at 27/27 ⁰ C	: 1.0496 Maxi.
Acetic Acid content	: 99.5% w/w, Mini.
Crystallizing Point	: 15.6 ⁰ C, Mini.
Residue on evaporation	: 0.01 % w/w, Maxi.
Chloride (as CL)	: 15 ppm, Maxi.
Iron (as Fe)	: 2 ppm, Maxi.
Sulphates (as SO ₄)	: 15 ppm, Maxi
Heavy Metals (including iron) (calculated as Pb)	: 5 ppm, Maxi
Formic Acid (HCOOH)	: 0.15 % w/w Maxi.
Acetaldehyde (CH ₃ CHO)	: 0.05 % w/w. Maxi.

3 . Application

<u>Industry</u>	<u>Application</u>
Chemical Ind.	Reaction
Dyes Intermediate	Reaction
Textile Ind.	Ph Maintain
Bulk Drug (Pharma)	Reaction
Pesticides	Reaction

4. Packing carboy (35 kg)

: Tanker Load / Refilled carboy (30 kg) / sealed