



# KENCRO

## CHEMICALS

### SPECIFICATIONS: GLACIAL ACETIC ACID 99%

#### DESCRIPTION

A clear colourless organic liquid; has a pungent, vinegar-like odour; glacial acetic acid is completely volatile on heating, "glacial" is a term applied to high strength acetic acid (above 99%) to distinguish it from aqueous acetic acid solutions; miscible in all proportions with water.

Physical Properties	99%
Specific Gravity at 20°C	1.051
Freezing Point (approx)	16.35°C
Boiling Point (approx)	118°C
Colour (APHA)	10 max

Chemical Properties	99%
Acetic Acid (CH <sub>3</sub> COOH)	99.85% min
Acetaldehyde (CH <sub>3</sub> CHO)	0.05% max
Formic Acid (HCOOH)	0.05% max
Water, (wt %)	0.15% max
Chloride (Cl)	1.0 ppm max
Iron (Fe)	1.0 ppm max
Permanganate Time	2.0 hours min
Heavy Metals (as Pb)	0.5 ppm max

Product meets U.S. Food Chemicals Codex (FCC) Specifications

#### SAFETY

As with any chemical, Acetic Acid requires care in handling. It is suggested that anyone involved with the procurement or handling of this chemical be familiar with the appropriate safety and handling precautions. Such information is available on the material and safety data sheet.

**FOR FIRE, HEALTH, SAFETY AND FIRST AID INFORMATION, PLEASE REFER TO MSDS**  
**All statements, information, and data presented are believed to be accurate and**  
**reliable but are presented without guarantee, warranty, or responsibility**

**SPEC#: GME1A1**  
file: spec/aaspec.msdl/allfiles