

Technical Data Sheet

Version: 2.0
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Date: 18 / 6 / 2026



Item Name:

GAA (FOOD GRADE)

PRODUCT INFORMATION

Chinese Name:	冰醋酸 (食品级)
Commodity Name:	Glacial Acetic Acid
Chemical Name:	Acetic Acid
Other Name:	Ethanoic Acid; Ethylic Acid; Methanecarboxylic Acid; Vinegar Acid
CAS No.:	64-19-7
Molecular Weight:	60.05
Molecular Formula:	C ₂ H ₄ O ₂
DG Class:	8
UN No.:	2789
Packing Group:	II

TECHNICAL SPECIFICATION

Index	Standard
Appearance	Transparent liquid or frozen crystal
Acetic acid content (%)	≥ 99.5
Potassium permanganate test time (min)	≥ 180
Freezing Point (°C)	≥ 16.2
Evaporation residue (%)	≤ 0.005
Chloride (Cl. %)	≤ 0.0003
Sulfate (SO ₄ . %)	≤ 0.0015
As (As ₂ O ₃ . mg/Kg)	≤ 2
Heavy metal (Pb. mg/Kg)	≤ 2
Formaldehyde (%)	≤ 0.003
Color (Hazen Pt-Co)	≤10
Oxidizable substance	2g sample with 10ml water, add 0.1N Potassium Permanganate 0.1ml, Color will not appear within 30mins

PACKING, LOADING AND SHELF LIFE

Packing: 30kg/Drum; 1050kg IBC

Loading: 30kg/Drum, 22.2 mt/20'fcl; 1050kg IBC, 21mt/20'fcl

Shelf Life: 12 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

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