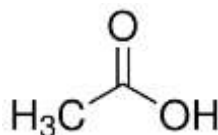


TIQ-F-QC-003
 Rev.00

Technical Data Sheet

ACETIC ACID GLACIAL 99.7 % AR (Aldehyde Free)

Methane carboxylic acid, Ethanoic acid.



Product Code	A-2000	Grade	AR (Aldehyde Free)
Purity	99,7%	CAS No	64-19-7
Molecular Formula	CH ₃ COOH	Molecular Weight	60.05 g/mol
H.S.Code	2915.2100	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Liquid	Vapour pressure [25°C]	20,79 hPa at 25 °C
Colour	Clear Colorless	Vapour density	2.07
Odour	Stinging	Density [g/cm ³]	1.049
pH value	2.5 at 50 g/l at 20°C	Solubility in water [% weight]	Completely soluble
Melting point/ Freezing point [°C]	16.2 °C	Partition coefficient Log Pow octanol / water at 25°C	-0.17
Auto-ignition temperature [°C]	463°C	Explosion limits - upper [%]	4 %
Flash point [°C]	39 °C	Explosion limits -lower [%]	19.90 %
Boiling point [°C]	117- 118 °C	Evaporation rate	0.97

Packaging

2500 ml & 500 ml

Specification

Appearance	Clear colorless liquid
Assay (alkalimetric)	Min 99.7 %
Colour	Max 10 Hazen
Acetaldehyde (CH ₃ CHO)	Max 0.0002 %
Acetone (CH ₃ COCH ₃)	Max 0.0001%

Safety Information and Hazard Symbols



Symbol: GHS02, GHS05

Signal Word: Danger

UN No.: 2789

IMCO Class No.: 8,3

Packing Group: II

Hazardous Statement: H226-H314

Precaution Statement: P210-P280-P303+P361+P353-P305 + P351 + P338-P310