

## Acetic acid, Ultrapure

**RM5564**


### Product Identifier

CAS No.	:	64-19-7
EC No.	:	200-580-7
Molecular Formula	:	C <sub>2</sub> H <sub>4</sub> O <sub>2</sub>
Molecular Weight	:	60.05
HS Code	:	2915 21 00
Storage	:	Below 30°C
Shelf life	:	4 years

### Technical Specification

Appearance	:	Colourless liquid
Solubility	:	1 mL miscible in 1 mL of water
FTIR	:	Matches with the standard pattern
Refractive index (n 20/D)	:	1.366 - 1.376
Density (at 25°C)	:	1.044 - 1.054 g/mL
Water (K.F.)	:	<= 0.05%
Chloride (Cl)	:	<= 0.0001%
Magnesium (Mg)	:	<= 0.00005%
Lead (as Pb)	:	<= 0.00001%
Iron (Fe)	:	<= 0.0001%
Zinc (Zn)	:	<= 0.00005%
Cadmium (Cd)	:	<= 0.00005%
Sulfate (SO <sub>4</sub> )	:	<= 0.0001%
Phosphate (PO <sub>4</sub> )	:	<= 0.0001%
Chromium (Cr)	:	<= 0.00001%
Non-volatile substances	:	<= 0.001%
Indifference to chromic acid	:	Passes test
Assay (GC/NaOH Titration)	:	99.70 - 102.00%

### Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Danger
Hazard Statement(s)	:	H226- H314
Precautionary Statement(s)	:	P280- P305+P351+P338- P310
UN No.	:	2789
Class	:	8 (3)
Packing Group	:	II
RTECS	:	AF1225000
WGK	:	1

