

# Technical Datasheet

**Article no.: 2296**

**Acetic acid p. a., ACS, ISO, Ph. Eur. (min. 96.0 %)**

CH<sub>3</sub>COOH

For laboratory use.

Parameter	Value
CAS no.	64-19-7
Appearance/condition	Clear, colourless liquid
Melting point	16.5 – 17 °C
Boiling point	117 – 118 °C
Density	~1.05 g/ml
Molar mass	60.05 g/mol
Non-volatile substances	max. 0.0005 %
Silver (Ag)	max. 0.000001 %
Aluminium (Al)	max. 0.000005 %
Arsenic (As)	max. 0.000001 %
Barium (Ba)	max. 0.000001 %
Beryllium (Be)	max. 0.000001 %
Bismuth (Bi)	max. 0.00001 %
Calcium (Ca)	max. 0.00002 %
Cadmium (Cd)	max. 0.000005 %
Cobalt (Co)	max. 0.000001 %
Chromium (Cr)	max. 0.000002 %
Copper (Cu)	max. 0.000001 %
Iron (Fe)	max. 0.00001 %
Germanium (Ge)	max. 0.000005 %
Potassium (K)	max. 0.00001 %
Lithium (Li)	max. 0.000001 %

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Magnesium (Mg)	max. 0.00001 %
Manganese (Mn)	max. 0.000001 %
Molybdenum (Mo)	max. 0.000002 %
Sodium (Na)	max. 0.00005 %
Nickel (Ni)	max. 0.000002 %
Lead (Pb)	max. 0.000002 %
Strontium (Sr)	max. 0.000001 %
Titanium (Ti)	max. 0.00001 %
Thallium (Tl)	max. 0.000005 %
Vanadium (V)	max. 0.000001 %
Zinc (Zn)	max. 0.000005 %
Zirconium (Zr)	max. 0.00001 %
Chloride (Cl)	max. 0.00005 %
Phosphate (PO <sub>4</sub> )	max. 0.00005 %
Sulphate (SO <sub>4</sub> )	max. 0.00005 %
Acetaldehyde (C <sub>2</sub> H <sub>4</sub> O)	max. 0.0002 %
Acetic anhydride (C <sub>4</sub> H <sub>6</sub> O <sub>3</sub> )	max. 0.01 %
Indifference against CrO <sub>3</sub>	complies
Reducing substances	max. 0.002 %

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