

Technical Datasheet

Article no.: 2272

Acetic acid (glacial) superpure for trace analysis (min. 99.0 %)

CH₃COOH

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
Colour (APHA)	max. 10
Chloride (Cl)	max.1 ppm
Platinum (Pt)	max. 0.5 ppb
Phosphate (PO ₄)	max. 1 ppm
KMnO ₄ red. substances	complies
Aluminium (Al)	max. 1 ppb
Antimony (Sb)	max. 0.5 ppb
Arsenic (As)	max. 0.5 ppb
Barium (Ba)	max. 0.5 ppb
Beryllium (Be)	max. 0.5 ppb
Bismut (Bi)	max. 0.1 ppb
Cadmium (Cd)	max. 0.5 ppb
Calcium (Ca)	max. 1 ppb
Cerium (Ce)	max. 0.1 ppb
Caesium (Cs)	max. 0.1 ppb
Chromium (Cr)	max. 0.5 ppb

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Cobalt (Co)	max. 0.1 ppb
Copper (Cu)	max. 0.5 ppb
Dysprosium (Dy)	max. 0.1 ppb
Erbium (Er)	max. 0.1 ppb
Europium (Eu)	max. 0.1 ppb
Gadolinium (Gd)	max. 0.1 ppb
Gallium (Ga)	max. 0.1 ppb
Germanium (Ge)	max. 0.5 ppb
Hafnium (Hf)	max. 0.1 ppb
Holmium (Ho)	max. 0.1 ppb
Indium (In)	max. 0.1 ppb
Iron (Fe)	max. 1 ppb
Lanthanium (La)	max. 0.1 ppb
Lead (Pb)	max. 0.1 ppb
Lithium (Li)	max. 0.1 ppb
Lutetium (Lu)	max. 0.1 ppb
Magnesium (Mg)	max. 0.5 ppb
Manganese (Mn)	max. 0.5 ppb
Mercury (Hg)	max. 1 ppb
Molybdenum (Mo)	max. 0.5 ppb
Neodymium (Nd)	max. 0.1 ppb
Nickel (Ni)	max. 0.5 ppb
Potassium (K)	max. 1 ppb

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Praseodymium (Pr)	max. 0.1 ppb
Rhenium (Re)	max. 0.5 ppb
Rhodium (Rh)	max. 0.5 ppb
Rubidium (Rb)	max. 0.1 ppb
Samarium (Sm)	max. 0.1 ppb
Scandium (Sc)	max. 0.1 ppb
Selenium (Se)	max. 1 ppb
Silver (Ag)	max. 1 ppb
Sodium (Na)	max. 1 ppb
Strontium (Sr)	max. 0.5 ppb
Tellurium (Te)	max. 0.5 ppb
Terbium (Tb)	max. 0.1 ppb
Thallium (Tl)	max. 0.1 ppb
Thorium (Th)	max. 0.1 ppb
Thulium (Tm)	max. 0.1 ppb
Tin (Sn)	max. 0.5 ppb
Titanium (Ti)	max. 0.5 ppb
Tungsten (W)	max. 0.5 ppb
Uranium (U)	max. 0.1 ppb
Vanadium (V)	max. 0.5 ppb
Ytterbium (Yb)	max. 0.1 ppb
Yttrium (Y)	max. 0.1 ppb
Zinc (Zn)	max. 1 ppb

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Zirkonium (Zr)	max. 0.1 ppb

Version no. 2