

Technical Datasheet

Article no. 2694

Formic acid 99 – 100 % p. a., ACS, Ph. Eur. (min. 99.0 %)
HCOOH

For laboratory use.

Parameter	Value
Appearance	Colourless liquid
Density (20 °C)	1.220 – 1.221 g/ml
Molar mass	46.03 g/mol
Melting point	-4 – -8 °C
Boiling point	101 °C
CAS No.	64-18-6
Non-volatile substances	max. 0.001 %
Ammonium (NH ₄)	max. 0.001 %
Silver (Ag)	max. 0.000002 %
Aluminium (Al)	max. 0.000005 %
Barium (Ba)	max. 0.000002 %
Beryllium (Be)	max. 0.000002 %
Bismuth (Bi)	max. 0.00001 %
Calcium (Ca)	max. 0.00002 %
Cadmium (Cd)	max. 0.000005 %
Cobalt (Co)	max. 0.000002 %
Chromium (Cr)	max. 0.000002 %
Copper (Cu)	max. 0.000002 %
Iron (Fe)	max. 0.0002 %
Germanium (Ge)	max. 0.000005 %
Potassium (K)	max. 0.00001 %
Lithium (Li)	max. 0.000002 %
Magnesium (Mg)	max. 0.00005 %
Manganese (Mn)	max. 0.000005 %
Molybdenum (Mo)	max. 0.000002 %

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Sodium (Na)	max. 0.00005 %
Nickel (Ni)	max. 0.000005 %
Lead (Pb)	max. 0.000002 %
Strontium (Sr)	max. 0.000002 %
Titanium (Ti)	max. 0.00001 %
Thallium (Tl)	max. 0.000005 %
Vanadium (V)	max. 0.000005 %
Zinc (Zn)	max. 0.000005 %
Zirconium (Zr)	max. 0.00001 %
Chloride (Cl)	max. 0.0005 %
Oxalate (C ₂ O ₄)	max. 0.005 %
Sulphate (SO ₄)	max. 0.0005 %
Sulphite (SO ₃)	max. 0.001 %
Acetic acid (CH ₃ COOH)	max. 0.005 %
Colour (APHA)	max. 10
Residue on evaporation	max. 0.003 %
Heavy metals (as Pb)	max. 0.001 %