Specification

1.00264.0000 Formic acid 98-100% for analysis EMSURE® ACS,Reag. Ph Eur

	Specification	
Assay (alkalimetric)	≥ 98.0	%
Color	≤ 10	Hazen
Acetic acid (CH_3COOH)	≤ 500	ppm
Chloride (Cl)	≤ 5	ppm
Sulfate (SO_4)	≤ 5	ppm
Sulfite (SO_3)	≤ 10	ppm
Heavy metals (as Pb)	≤ 10	ppm
Ag (Silver)	≤ 0.020	ppm
Al (Aluminium)	≤ 0.050	ppm
Ba (Barium)	≤ 0.050	ppm
Be (Beryllium)	≤ 0.020	ppm
Bi (Bismuth)	≤ 0.10	ppm
Ca (Calcium)	≤ 0.20	ppm
Cd (Cadmium)	≤ 0.050	ppm
Co (Cobalt)	≤ 0.020	ppm
Cr (Chromium)	≤ 0.050	ppm
Cu (Copper)	≤ 0.020	ppm
Fe (Iron)	≤ 2.0	ppm
Ge (Germanium)	≤ 0.050	ppm
K (Potassium)	≤ 0.10	ppm
Li (Lithium)	≤ 0.020	ppm
Mg (Magnesium)	≤ 0.50	ppm
Mn (Manganese)	≤ 0.050	ppm
Mo (Molybdenum)	≤ 0.020	ppm
NH_4 (Ammonium)	≤ 10	ppm
Na (Sodium)	≤ 0.50	ppm
Ni (Nickel)	≤ 0.050	ppm
Pb (Lead)	≤ 0.020	ppm
Sr (Strontium)	≤ 0.020	ppm
Ti (Titanium)	≤ 0.10	ppm
Tl (Thallium)	≤ 0.050	ppm
V (Vanadium)	≤ 0.050	ppm
Zn (Zinc)	≤ 0.050	ppm
Zr (Zirconium)	≤ 0.10	ppm
Evaporation residue	≤ 10	ppm
Dilution test	passes test	

ACS, Ph Eur-Reagent
Expiry date : see product label

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Christian Herrmann
Responsible laboratory manager quality control

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