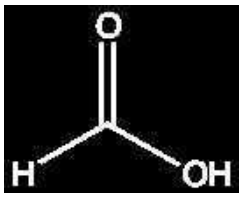
FORMIC ACID, 90,1% ± 0,1%

AC1083 Formic acid, solution 90,1% ± 0,1% w/w, ExpertQ®, for analysis

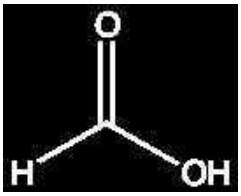


- Synonyms: Methanoic acid, Formylic acid
- HCOOH
- M = 46,03 g/mol
- CAS [64-18-6]
- EINECS-No.: 200-579-1
- Density: ~ 1,2 g/cm³
- Solub. in water: (20 °C): miscible
- Melting point: -9 °C
- Boiling point: 107 °C
- Flash pt. 60 °C
- Ignition temp.: 485 °C
- LD 50 (oral, rat): 730 mg/kg (pure substance)
- EC-Index-No.: 607-001-00-0
- ADR: 8 CF1 II UN 1779
- IMDG: 8 II UN 1779
- IATA/ICAO: 8 II UN 1779
- GHS-signal word: Danger
- GHS-H sentences: H314 - H226 - H302
- GHS-P sentences: P210 - P241 - P303 + P361 + P353 - P305 + P351 + P338 - P405 - P501a
- Tariff number: 2915 11 00 00
- Applications: analytical chemistry, synthesis of organic products, in the rubber industry, acidifying agent, cosmetics.

assay (acidimetric)	90,0 - 90,2 %
colour (Hazen)	max. 10
acetic acid (CH_3COOH)	max. 0,05 %
chlorides (Cl)	max. 0,0005 %
sulfates (SO_4)	max. 0,0005 %
sulfites (SO_3)	max. 0,001 %
aluminium (Al)	max. 0,05 ppm
ammonium (NH_4)	max. 0,001 %
barium (Ba)	max. 0,05 ppm
beryllium (Be)	max. 0,02 ppm
bismuth (Bi)	max. 0,1 ppm
cadmium (Cd)	max. 0,05 ppm
calcium (Ca)	max. 0,2 ppm
chromium (Cr)	max. 0,05 ppm
cobalt (Co)	max. 0,02 ppm
copper (Cu)	max. 0,02 ppm
germanium (Ge)	max. 0,05 ppm
heavy metals (as Pb)	max. 5 ppm
iron (Fe)	max. 2 ppm
lead (Pb)	max. 0,02 ppm
lithium (Li)	max. 0,02 ppm
magnesium (Mg)	max. 0,5 ppm
manganese (Mn)	max. 0,05 ppm
molybdenum (Mo)	max. 0,02 ppm
nickel (Ni)	max. 0,05 ppm
potassium (K)	max. 0,1 ppm
silver (Ag)	max. 0,02 ppm
sodium (Na)	max. 0,5 ppm
strontium (Sr)	max. 0,02 ppm
thallium (Tl)	max. 0,05 ppm
titanium (Ti)	max. 0,1 ppm
vanadium (V)	max. 0,05 ppm
zinc (Zn)	max. 0,05 ppm
zirconium (Zr)	max. 0,1 ppm
dilution test	passes test
residue on evaporation	max. 0,001 %

ART. NO.	VOLUME	CONTAINER
AC10831000	1 l	

FORMIC ACID, 85%



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- ADR: 8 CF1 II UN 1779
- IMDG: 8 II UN 1779
- IATA/ICAO: 8 II UN 1779
- GHS-signal word: Danger
- GHS-H sentences: H314 - H302 - H331
- GHS-P sentences: P260 - P264 - P270 - P271 - P280 - P301 + P330 + P331 - P303 + P361 + P353 - P304 + P340 - P305 + P351 + P338 - P321 - P405 - P501a
- Tariff number: 2915 11 00 00
- Applications: analytical chemistry, synthesis of organic products, in the rubber industry, acidifying agent, cosmetics.

AC1080 Formic acid, solution 85% w/w, EssentQ®

assay (acidimetric)	min. 85 %
chlorides (Cl)	max. 0,002 %
sulfates (SO_4)	max. 0,005 %
ammonium (NH_4)	max. 0,01 %
copper (Cu)	max. 0,001 %
iron (Fe)	max. 0,001 %
lead (Pb)	max. 0,001 %
nickel (Ni)	max. 0,001 %
residue on evaporation	max. 0,01 %

ART. NO.	VOLUME	CONTAINER
AC10801000	1 l	
AC10802500	2,5 l	
AC1080005P	5 l	
AC1080025P	25 l	