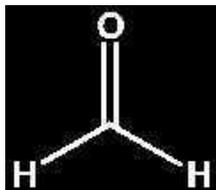


FORMALDEHYDE, SOLUTION 3,5 - 4%

FO0013 Formaldehyde, solution 3,5 - 4,0 % w/w, buffered at pH = 7 with carbonates, stabilized with approx. 1% of methanol

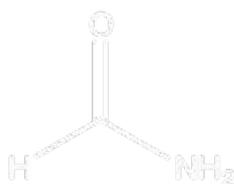


- Synonyms: Formalin solution, Formol, Methanal solution, Methyl aldehyde solution
- CH₂O
- M = 30,03 g/mol
- CAS [50-00-0]
- EINECS-No.: 200-001-8
- Density: 1,003 g/cm³
- Boiling point: ~ 100 °C
- LD 50 (oral, rat): 100 mg/kg (pure substance)
- EC-Index-No.: 605-001-00-5
- GHS-signal word: Warning
- GHS-H sentences: H351 - H317
- GHS-P sentences: P261 - P280 - P281 - P321 - P405 - P501a
- Tariff number: 2912 11 00 00
- Applications: analytical chemistry, laboratory reagent, in buffer solutions, for biology.

assay (acidimetric) 3,5 - 4,0 %
pH 6,8 - 7,2

ART. NO.	VOLUME	CONTAINER
FO00131000	1 l	
FO0013005P	5 l	
FO0013010C	10 l	
FO0013025P	25 l	

FORMAMIDE



- Synonyms: Methanamide, Methane amide, Carbamaldehyde, Formic acid amide
- CH₃NO
- M = 45,04 g/mol
- CAS [75-12-7]
- EINECS-No.: 200-842-0
- Density: 1,13 g/cm³
- Solub. in water: (20 °C): miscible
- Melting point: 2 °C
- Boiling point: 210 °C (decomposes)
- Flash pt. 175 °C
- Ignition temp.: 500 °C

- Vapour pressure: (20 °C) 0,08 hPa
- Dielectric const.: (25 °C) 109,5
- LD 50 (oral, rat): 5800 mg/kg
- GHS-signal word: Danger
- GHS-H sentences: H360D
- GHS-P sentences: P281 - P201 - P202 - P308 + P313 - P405 - P501a
- Tariff number: 2924 19 00 90
- Applications: analytical chemistry, laboratory reagent, solvents, chromatography, synthesis of organic products.

FO0025 Formamide, EssentQ®



assay (G.C.) min. 99 %
identity (IR-spectrum) passes test
density (20°/4°) 1,132 - 1,135
insoluble in water passes test
copper (Cu) max. 5 ppm
iron (Fe) max. 5 ppm

lead (Pb) max. 5 ppm
nickel (Ni) max. 5 ppm
formic acid (HCOOH) max. 0,02 %
methanol (G.C.) max. 0,2 %
residue on ignition max. 0,1 %
water (K.F.) max. 0,3 %

ART. NO.	VOLUME	CONTAINER
FO00251000	1 l	
FO00252500	2,5 l	

FO0026 Formamide, ExpertQ®, for analysis, ACS



assay (as N) min. 99,5 %
identity (IR-spectrum) passes test
density (20°/4°) 1,132 - 1,135
colour (Hazen) max. 10
melting point 2,0 - 3,0 °C
chlorides (Cl) max. 0,0001 %
cadmium (Cd) max. 1 ppm

copper (Cu) max. 1 ppm
iron (Fe) max. 1 ppm
lead (Pb) max. 1 ppm
zinc (Zn) max. 1 ppm
formic acid (HCOOH) max. 0,02 %
residue on ignition (600 °C) max. 0,005 %
water (K.F.) max. 0,1 %

ART. NO.	VOLUME	CONTAINER
FO00261000	1 l	
FO00262500	2,5 l	

FO0027 Formamide, molecular biology grade



assay (as N) min. 99 %
identity (IR-spectrum) passes test
density (20°/4°) 1,132 - 1,135
absorbance of an aqueous solution
0,5 M in a 1 cm cell at 260 nm. max. 0,08 AU

absorbance of an aqueous solution
0,5 M in a 1 cm cell at 270 nm. max. 0,05 AU
absorbance of an aqueous solution
0,5 M in a 1 cm cell at 280 nm. max. 0,03 AU
heavy metals (as Pb) max. 1 ppm
DNases, RNases, Proteases non detected

ART. NO.	VOLUME	CONTAINER
FO00270100	100 ml	

FO0028 Formamide, dried (max. 0,02% H₂O), ExpertQ®, for analysis (Karl Fischer)



assay (as N) min. 99,5 %
identity (IR-spectrum) passes test
density (20°/4°) 1,132 - 1,135
colour (Hazen) max. 10
chlorides (Cl) max. 0,0001 %
cadmium (Cd) max. 1 ppm
copper (Cu) max. 1 ppm

iron (Fe) max. 1 ppm
lead (Pb) max. 1 ppm
zinc (Zn) max. 1 ppm
formic acid (HCOOH) max. 0,02 %
residue on ignition (600 °C) max. 0,005 %
water (K.F.) max. 0,02 %

ART. NO.	VOLUME	CONTAINER
FO00281000	1 l	