

VWR CHEMICALS // Formamide, ultrapure

Abs.@280 nm	0.05
Conductivity	100 umhos
Copper	<0.0001 %
DNase	NONE
Freezing Range	-1 - 3 °C
Iron	< 0.0005 %
Lead	< 0.0005 %
Moisture (KF)	< 0.75 %
Purity	99.5 %
RNase	NONE
Zinc	< 0.0005 %

Cat. No.	Pk	Pack type
0606-100ML	100 ml	Plastic bottle for solids
0606-500ML	500 ml	Plastic bottle for solids
0606-950ML	950 ml	Plastic bottle for solids

Formamide TECHNICAL

Identification Passes test

Cat. No.	Pk	Pack type
24313.366	5 l	Plastic bottle

Formamide, treated
NEW Formamide, treated Reag. Ph. Eur. 1039201

Cat. No.	Pk	Pack type
87838.180	100 ml	Plastic bottle

Supplied with certificate of analysis. Normally manufactured to order. Please check with customer services.

Formdimethylamide

See N,N-Dimethylformamide p.149

Formic acid

Methanoic acid 100%

Danger

 H226 H314
 P280 P301+P330+P331 P305+P351+P338
 P309+P310

CAS 64-18-6

Index 607-001-00-0

EINECS: 200-579-1

UN: 1779

ADR 8,II

Flash Pt: 48 °C

HCO₂H

M.W. 46.03 g/mol

 Density: 1.22 g/cm³ (25 °C)

Boiling Pt: 100 to 101 °C (1013 hPa)

Melting Pt: 8.2 to 8.4 °C

Storage Temperature: Ambient temperature

Formic acid ARISTAR® for trace analysis

Assay	Min 98.0 %	Colouration	Max 10 HU
Acetic acid (CH ₃ CO ₂ H)	Max 0.05 %	Non-volatile matter	Max 2 ppm
Sulphates (SO ₄)	Max 0.5 ppm	Chloride (Cl)	Max 5 ppm
Ag (Silver)	Max 0.001 ppm	Al (Aluminium)	Max 0.005 ppm
Au (Gold)	Max 0.005 ppm	Ba (Barium)	Max 0.002 ppm
Be (Beryllium)	Max 0.001 ppm	Bi (Bismuth)	Max 0.002 ppm
Ca (Calcium)	Max 0.05 ppm	Cd (Cadmium)	Max 0.001 ppm
Co (Cobalt)	Max 0.001 ppm	Cr (Chromium)	Max 0.001 ppm
Cu (Copper)	Max 0.002 ppm	Fe (Iron)	Max 0.01 ppm
Ga (Gallium)	Max 0.005 ppm	Hg (Mercury)	Max 0.005 ppm
In (Indium)	Max 0.002 ppm	K (Potassium)	Max 0.02 ppm
Li (Lithium)	Max 0.001 ppm	Mg (Magnesium)	Max 0.01 ppm
Mn (Manganese)	Max 0.001 ppm	Mo (Molybdenum)	Max 0.001 ppm
Na (Sodium)	Max 0.02 ppm	Ni (Nickel)	Max 0.002 ppm
Pb (Lead)	Max 0.002 ppm	Sn (Tin)	Max 0.001 ppm
Sr (Strontium)	Max 0.001 ppm	Ti (Titanium)	Max 0.001 ppm
Tl (Thallium)	Max 0.001 ppm	V (Vanadium)	Max 0.001 ppm
Zn (Zinc)	Max 0.005 ppm		

Cat. No.	Pk	Pack type
450122M	100 ml	Glass bottle

Formic acid 99-100% AnalaR NORMAPUR® ACS, Reag. Ph. Eur. analytical reagent

Assay	Min. 99.0 %	Dilution test	Passes test ACS
Colouration	Max. 10 APHA	Solidification point	7 to 8 °C
n 20/D	1.370 to 1.372	Density (20/20)	1.210 to 1.230
Acetic acid	Max. 0.4 %	Evaporation residue	Max. 30 ppm
Heavy metals (as Pb)	Max. 10 ppm	Ignition residue (SO ₄)	Max. 20 ppm
Water	Max. 1.0 %	Cl (Chloride)	Max. 5 ppm
NH ₄ (Ammonium)	Max. 20 ppm	SO ₃ (Sulphite)	Max. 10 ppm
SO ₄ (Sulphate)	Max. 10 ppm	Cd (Cadmium)	Max. 0.1 ppm
Cu (Copper)	Max. 0.1 ppm	Fe (Iron)	Max. 4 ppm
Pb (Lead)	Max. 0.1 ppm	Zn (Zinc)	Max. 0.1 ppm
Conforms to ACS	Passes test	Conforms to Reag. Ph.Eur.	Passes test

Cat. No.	Pk	Pack type
20318.297	1 l	Glass bottle
20318.320	2,5 l	Glass bottle
20318.322	2,5 l	Glass bottle SAFEBREAK
20318.446	20 l	Plastic drum

Formic acid 98% GPR RECTAPUR®

Assay	Min. 98 %
n 20/D	1.370 to 1.372
Acetic acid	Max. 0.2 %
Heavy metals (as Pb)	Max. 10 ppm
Ignition residue (SO ₄)	Max. 100 ppm
Non-volatile residue	Max. 100 ppm
Cl (Chloride)	Max. 20 ppm
SO ₄ (Sulphate)	Max. 50 ppm
Conforms to BDH 28430	Passes test

Cat. No.	Pk	Pack type
20320.295	1 l	Glass bottle
20320.320	2,5 l	Glass bottle SAFEBREAK
20320.364	5 l	Plastic bottle

Formic acid (50 - < 85%)

Methanoic acid 50%

Danger

 H314
 P280 P301+P330+P331 P305+P351+P338
 P309+P310

CAS 64-18-6

Index 607-001-00-0

EINECS: 200-579-1

UN: 3412

ADR 8,II

HCO₂H

Storage Temperature: Ambient temperature