

AC1081 Formic acid, solution 85% w/w, ExpertQ®, for analysis



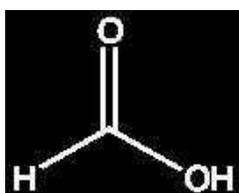
assay (acidimetric)min. 85 %
 colour (Hazen)max. 10
 acetic acid (CH₃COOH)max. 0,4 %
 chlorides (Cl)max. 0,001 %
 sulfates (SO₄)max. 0,002 %
 sulfites (SO₃)max. 0,001 %
 aluminium (Al)max. 0,05 ppm
 ammonium (NH₄)max. 0,005 %
 barium (Ba)max. 0,05 ppm
 cadmium (Cd)max. 0,05 ppm
 calcium (Ca)max. 0,5 ppm
 chromium (Cr)max. 0,02 ppm
 copper (Cu)max. 0,02 ppm

heavy metals (as Pb)max. 0,0005 %
 iron (Fe)max. 0,1 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
 nickel (Ni)max. 0,05 ppm
 potassium (K)max. 0,1 ppm
 silver (Ag)max. 0,02 ppm
 sodium (Na)max. 1 ppm
 zinc (Zn)max. 0,05 ppm
 residue on evaporationmax. 0,002 %

ART. NO.	VOLUME	CONTAINER
AC10811000	1 l	0

FORMIC ACID, SOLUTION 10%

AC1075 Formic acid, solution 10% in water, for cleaning purposes, LC-MS



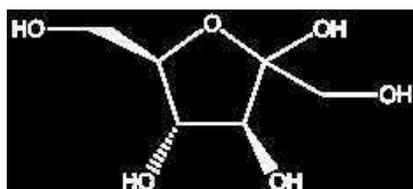
- Synonyms: Methanoic acid, Formylic acid
- CAS [64-18-6]
- EINECS-No.: 200-579-1
- EC-Index-No.: 607-001-00-0
- ADR: 8 C3 II UN 3412
- IMDG: 8 II UN 3412
- IATA/ICAO: 8 II UN 3412
- GHS-signal word: Danger
- GHS-H sentences: H314
- GHS-P sentences: P260 - P303 + P361 + P353 - P305 + P351 + P338 - P321 - P405 - P501a
- Tariff number: 2915 11 00 00
- Applications: analytical chemistry, chromatography.

formic acid content (v/v) 9,5 - 10,5 %
 aluminium (Al)max. 0,05 ppm
 calcium (Ca)max. 0,05 ppm
 iron (Fe)max. 0,05 ppm
 magnesium (Mg)max. 0,05 ppm
 potassium (K)max. 0,05 ppm
 sodium (Na)max. 0,05 ppm
 suitability for use in LC-MSpasses test
 min. transmission/max. absorbance in a 1,0 cm cell at
 wavelength T(%) A (AU)
 260 nm80 % 0,097 AU
 280 nm90 % 0,046 AU

ART. NO.	VOLUME	CONTAINER
AC10751000	1 l	0

D(-)-FRUCTOSE

LE0070 D(-)-Fructose, extra pure, Phampur®, Ph Eur, BP, USP



- Synonyms: Levulose, Laevulose
- C₆H₁₂O₆
- M = 180,16 g/mol
- CAS [57-48-7]
- EINECS-No.: 200-333-3
- Solub. in water: (20 °C): 500 g/l
- Melting point: 100 - 110 °C (decomposes)
- Tariff number: 1702 50 00 00
- Applications: analytical chemistry, in food industry, synthesis of organic products, nutrient media for bacterial culture, in pharma industry.

assay (on dried sample) 98,0 - 102,0 %
 identificationpasses test
 appearance of solutionpasses test
 colour of solutionpasses test
 acidity or alkalinitypasses test
 aciditypasses test
 specific rotation ([α]_D 20°/D,
 c = 10, H₂O) - 93,5 ° - - 91,0 °
 chlorides (Cl)max. 0,018 %
 sulfates (SO₄)max. 0,025 %
 arsenic (As)max. 1 ppm
 calcium and magnesium (as Ca)max. 0,005 %
 foreign sugarspasses test
 5-Hydroxymethylfurfural and related
 substancespasses test
 residue on ignitionmax. 0,1 %
 water (K.F.)max. 0,5 %
 loss on dryingmax. 0,5 %
 Elemental impurities are analysed according to guideline
 CHMP/ICH/353369/2013.
 Residual solvents are analysed according to
 guideline CPMP/ICH/283/95.

ART. NO.	VOLUME	CONTAINER
LE00700500	500 g	0
LE00701000	1 kg	0
LE0070025P	25 kg	0