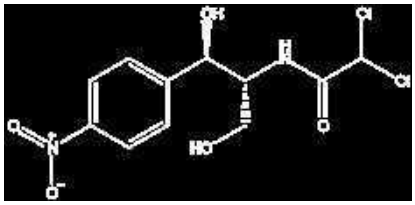
CHLORAMPHENICOL

CL0025 Chloramphenicol, for biochemical purposes

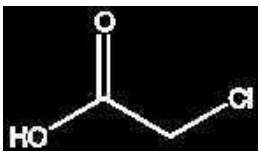


- Synonyms: Chloromycetin
- $C_{11}H_{12}Cl_2N_2O_5$
- M = 323,13 g/mol
- CAS [56-75-7]
- EINECS-No.: 200-287-4
- Solub. in water: (25 °C): 2,5 g/l
- Melting point: 149 - 153 °C
- LD 50 (oral, rat): 2500 mg/kg
- GHS-signal word: Danger
- GHS-H sentences: H350
- GHS-P sentences: P281 - P201 - P202 - P308 + P313 - P405 - P501a
- Tariff number: 2941 40 00 00
- Applications: in biochemistry, for pharmaceutical use, antibacterian.

assay (DSC) . . . . . min. 99 %
identity (IR-spectrum) . . . . . passes test
specific rotation ([α]20°/D, c = 5, absolut ethanol) . . . . . +17 ° - +20 °
acidity or alkalinity . . . . . passes test
residue on ignition . . . . . max. 0,1 %
loss on drying (105 °C) . . . . . max. 0,5 %

ART. NO.	VOLUME	CONTAINER
CL00250050	50 g	
CL00250500	500 g	

CHLOROACETIC ACID



- Synonyms: Monochloroacetic acid
- $CH_2ClCOOH$
- M = 94,50 g/mol
- CAS [79-11-8]
- EINECS-No.: 201-178-4
- Solub. in water: (20 °C): soluble
- Melting point: 60 - 63 °C
- Boiling point: 189 °C
- Flash pt. 126 °C
- Ignition temp.: 470 °C
- Vapour pressure: (20 °C) 1hPa
- LD 50 (oral, rat): 55 mg/kg
- EC-Index-No.: 607-003-00-1
- ADR: 6.1 TC2 II UN 1751
- IMDG: 6.1 II UN 1751
- IATA/ICAO: 6.1 II UN 1751
- GHS-signal word: Danger
- GHS-H sentences: H301 - H311 - H331 - H314 - H400
- GHS-P sentences: P260 - P303 + P361 + P353 - P305 + P351 + P338 - P361 - P405 - P501a
- Tariff number: 2915 40 00 90
- Applications: analytical chemistry, manufacture of dyes, synthesis of organic products, for acetylations.

AC0747 Chloroacetic acid, EssentQ®

assay (acidimetric) . . . . . min. 99 %
identity (IR-spectrum) . . . . . passes test
insoluble in water . . . . . max. 0,01 %
chlorides (Cl) . . . . . max. 0,01 %
nitrates (NO_3) . . . . . max. 0,005 %
sulfates (SO_4) . . . . . max. 0,01 %
copper (Cu) . . . . . max. 0,001 %
heavy metals (as Pb) . . . . . max. 0,001 %
iron (Fe) . . . . . max. 0,001 %
lead (Pb) . . . . . max. 0,001 %
nickel (Ni) . . . . . max. 0,001 %
residue on ignition . . . . . max. 0,05 %

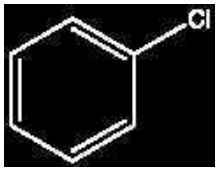
ART. NO.	VOLUME	CONTAINER
AC07470500	500 g	
AC07471000	1 kg	

AC0750 Chloroacetic acid, ExpertQ®, for analysis, ACS

assay (acidimetric) . . . . . min. 99,5 %
identity (IR-spectrum) . . . . . passes test
insoluble in water . . . . . max. 0,003 %
nitrogen compounds (as N) . . . . . max. 0,005 %
chlorides (Cl) . . . . . max. 0,005 %
nitrates (NO_3) . . . . . max. 0,001 %
sulfates (SO_4) . . . . . max. 0,005 %
copper (Cu) . . . . . max. 5 ppm
heavy metals (as Pb) . . . . . max. 0,001 %
iron (Fe) . . . . . max. 5 ppm
lead (Pb) . . . . . max. 5 ppm
nickel (Ni) . . . . . max. 5 ppm
acetone (G.C.) . . . . . max. 0,02 %
carbonyl compounds (as C_2H_4O) . . . . . max. 0,01 %
substances darkened by H_2SO_4 . . . . . passes test
residue on ignition . . . . . max. 0,02 %

ART. NO.	VOLUME	CONTAINER
AC07500500	500 g	

CHLOROBENZENE



- Synonyms: Monochlorobenzene, Benzene chloride, Phenyl chloride
- C_6H_5Cl
- M = 112,56 g/mol
- CAS [108-90-7]
- EINECS-No.: 203-628-5
- Density: 1,11 g/cm³
- Solub. in water: (20 °C): 0,5 g/l
- Melting point: -45 °C
- Boiling point: 132 °C
- Flash pt. 28 °C
- Ignition temp.: 590 °C
- Vapour pressure: (20 °C) 12 hPa
- Refraction index: (n 20 °C/D) 1,5248
- Dielectric const.: (25 °C) 5,6
- LD 50 (oral, rat): 1100 mg/kg
- EC-Index-No.: 602-033-00-1
- ADR: 3 F1 III UN 1134
- IMDG: 3 III UN 1134
- IATA/ICAO: 3 III UN 1134
- GHS-signal word: Warning
- GHS-H sentences: H226 - H332 - H411
- GHS-P sentences: P210 - P241 - P261 - P280 - P303 + P361 + P353 - P501a
- Tariff number: 2903 91 00 00
- Applications: laboratory reagent, synthesis of organic products, solvents (painting).