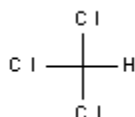


**PRODUCT CODE: 133101**

**Chloroform stabilized with ~ 50 ppm of amylene (Reag. USP, Ph. Eur.) for analysis, ACS, BioChemica**

CHCl<sub>3</sub>

CHCl<sub>3</sub>



M.= 119,38

CAS [67-66-3]

EINECS 200-663-8

TARIC 2903 13 00 00

**SYNONYMS:** Chloroform

**PHYSICAL DATA:** liquid, Clear, Colourless, Soluble in water 8 g/l at 20 °C D 20/4 1,478 • M.P.: -63 °C • B.P.: 61 °C  
• n<sub>20</sub>/D : 1,4459 • Flash P.:NO • Vap. press. (20 °C) 210 hPa • Viscosity 20 °C 0,56 mPa.s • D. M. 20 °C 1,01 Debye  
• Dielec. constant 20 °C 4,8 • Heat evap. 61 °C 263 KJ/Kg • Satur. conc. 20 °C 1027 g/m<sup>3</sup> •

**BIBLIOGRAPHY:** Merck Index **13**, 2.160 Sax **CHJ500** • Safety **2**, **786 C** • Kühn-Birett **C 21** • Ullmann **(5.)6**, 238 • Beilstein **1**, **61 I**, **9 II**, **14 III**, **51 IV**, **42** • BRN 1731042 • Fieser 1130 **8952 1584** • ACS **XI** • ISO 6353/2-1983R - 7, 9 • BP.**2021** • USP **-NF 38** •

**HAZARDOUS:** C.E: 602-006-00-4 • RTECS: FS 9100000 • LD L0 oral rbt 500 mg/kg • LD50 oral rat 908 mg/kg • LC50 rat 47702mg/m<sup>3</sup> / 4h • VLA-ED 2 ppm50 mg/m<sup>3</sup>



H: H302 • H315 • H351 • H361d • H331 • H372 • H319 •

P: P201 • P202 • P260 • P264 • P270 • P280 • P281 • P301+P312 • P302+P352 • P308+P313 • P314 • P321 • P330 • P332+P313 • P362 • P405 • P501 • P305+P351+P338 • P337+P313 • P261 • P271 • P311 • P304+P340 •

**TRANSPORT REGULATIONS:** UN: 1888 • ADR: 6.1/III • IMDG: 6.1/III • IATA: 6.1/III • PAX: 680 • CAO: 680 • (E)

**WEIGHT/VOLUME INFORMATION:** 1l-1,478 kg 1kg-0,677 l

**OBSERVATIONS:** May be subject to export control •

**SPECIFICATIONS:**

Minimum assay (G.C.)	99,8%
Identity :	
Identity	IR passes test
Density at 20/4	>1,48
Suitability: for use in dithizone tests	passes test

**Maximum limit of impurities**

APHA colour	10
Acidity	0,00015 meq/g
Alkalinity	0,0005 meq/g
Non-volatile matter	0,0005 %
Chlorine (Cl)	0,0005%
Chloride (Cl)	0,00002%
Carbonyl compounds (as CH <sub>3</sub> COCH <sub>3</sub> )	0,005%
Phosgene (Cl <sub>2</sub> CO)	0,0001%
Carbon Tetrachloride (G.C.)	0,01%
Dichloromethane (G.C.)	0,01%
Tetrachloroethylene (G.C.)	0,01%
Trichloroethylene (G.C.)	0,01%
Metallic impurities	passes test
Water (H <sub>2</sub> O)	0,02 %
UV Spectrum (1cm cell; Ref.: water):	
Transmittance at 255 nm	≥ 50 %
Transmittance at 260 nm	≥ 80 %
Transmittance at 300 nm	≥ 98 %

**Metals by ICP [in mg/Kg (ppm)]**

Ag	0,05
Al	0,5
As	0,05
Au	0,05
B	0,02
Ba	0,1
Be	0,02
Bi	0,05
Ca	0,5
Cd	0,05
Co	0,02
Cr	0,02
Cu	0,02
Fe	0,1
Ga	0,02
Ge	0,05
Hg	0,05
In	0,05
K	0,1
Li	0,05
Mg	0,1
Mn	0,02
Mo	0,02
Na	0,5
Ni	0,02
P	0,2
Pb	0,05
Pt	0,02
S	0,2
Sb	0,02

Si	0,2
Sn	0,1
Sr	0,2
Ti	0,02
Tl	0,02
V	0,02
Zn	0,05
Zr	0,02