

# Technical Datasheet

**Article no.: 2477**

**Chloroform p. a., ACS, Reag Ph. Eur., Reag. BP, Reag. USP  
(min. 99.8 %, stabilized with amylene)**

CHCl<sub>3</sub>

For laboratory use.

Boiling point: 61 – 61.5 °C  
CAS no.: 67-66-3  
Density (20 °C): 1.479 – 1.483 g/ml  
Melting point: -63 °C  
Molar mass: 119.38 g/mol

Parameter	Value
Acetone & Aldehydes	complies
Acidity (HCl)	max. 0.0002%
Acids und Chlorides	complies
Aldehydes	complies
Appearance	Clear, colourless liquid
Appearance/condition	Colourless liquid
Assay	min. 99.8 %
Carbontetrachloride (CCl <sub>4</sub> )	max. 0.01 % (v/v)
Carbonyl compounds (CO)	max. 0.005 %
Chloride (Cl)	max. 0.0001 %
Chromium (Cr)	max. 0.1 ppm
Colour (APHA, Pt-Co)	max. 10
Copper (Cu)	max. 0.1 ppm
Distillation range	complies
Dichlormethane (CH <sub>2</sub> Cl <sub>2</sub> )	max. 0.01 %

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Parameter	Value
Free Chlorine	max. 0.00003 %
Identity	complies
Iridium (Ir)	max. 0.1 ppm
Iron (Fe)	max. 0.1 ppm
Manganese (Mn)	max. 0.1 ppm
Molybdenum (Mo)	max. 0.1 ppm
Nickel (Ni)	max. 0.1 ppm
Osmium (Os)	max. 0.1 ppm
Palladium (Pd)	max. 0.1 ppm
Platinum (Pt)	max. 0.1 ppm
Related substance	max. 0.7 %
Residue after evaporation	max. 0.001 % (w/w)
Rhodium (Rh)	max. 0.1 ppm
Ruthenium (Ru)	max. 0.1 ppm
Spec. density	1.476 – 1.483
Stabilizer (Amylene)	0.003 – 0.006 % (w/w)
Subs. darkened by Sulfuric Acid	complies
Suitability for Dithizone test	complies
Tetrachloroethylene (C <sub>2</sub> Cl <sub>4</sub> )	max. 0.01 %
Trichloroethene (C <sub>2</sub> HCl <sub>3</sub> )	max. 0.01 %
Vanadium (V)	max. 0.1 ppm
Water (KF)	max. 0.01 % (w/w)
Zinc (Zn)	max. 0.1 ppm

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CHL

Parameter	Value
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