

**Product Name:** Chloroform, HPLC Grade, 99.5+% min, Thermo Scientific Chemicals

**Catalog Number:** 022920.K2

**CAS Number:** 67-66-3

**IUPAC Name:** trichloromethane

**Molecular Formula:** CHCl<sub>3</sub>

**Molecular Weight:** 119.37

**InChI Key:** HEDRZPFGACZZDS-UHFFFAOYSA-N

**SMILES:** ClC(Cl)Cl

**Synonym:** chloroform caswell no. 192 C-H-cl<sub>3</sub> methenyl chloride epa pesticide chemical code 020701 chloroform (substance) 1,1,1-trichloromethane trichloormethaan chloroform (product) chloroformium pro narcosi

## Product Specification

**Water Content (Karl Fischer** ≤ 0.03%

**Titration):**

**Optical Absorbance at:** 245 nm: ≤ 1.00 AU

**Optical Absorbance at:** 255 nm: ≤ 0.15 AU

**Optical Absorbance at:** 260 nm: ≤ 0.05 AU

**Optical Absorbance at:** 270 nm: ≤ 0.02 AU

**Optical Absorbance at:** 290 nm: ≤ 0.01 AU

**Optical Absorbance at:** 400 nm: ≤ 0.01 AU

**Residue on Evaporation:** ≤ 3ppm

**Assay (GC):** > 99.5%

**Comment:** Ethanol, as stabilizer: 0.5 to 1.0%

**Comment:** Submicron filtered

**Impurity content:** GC-ECD responsive residue ( single peak): ≤ 5ppt ( As heptachlorepoide)

**Date Of Print:** 05/17/2024

*Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.*