

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

Catalog Number: 022920.K7

CAS Number: 67-66-3

IUPAC Name: trichloromethane

Molecular Formula: CHCl₃

Molecular Weight: 119.37

InChI Key: HEDRZPFGACZZDS-UHFFFAOYSA-N

SMILES: ClC(Cl)Cl

Synonym: chloroform caswell no. 192 C-H-cl₃ 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

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 heptachlorepoxyde)

Optical Absorbance at: 400 nm: ≤ 0.01 AU

Residue on Evaporation: ≤ 3ppm

Date Of Print: 05/13/2024

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