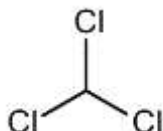


TIQ-F-QC-003
 Rev.00

Technical Data Sheet

CHLOROFORM 99,8 % AR

Trichloromethane, Methane trichloride, Methyl trichloride



Product Code	B-3020	Grade	Analytical Reagent
Purity	99,8%	CAS No	67-66-3
Molecular Formula	CHCl ₃	Molecular Weight	119.38 g/mol
H.S.Code	2903.1300	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear Colourless
Odour	Sweet pleasant	Melting Point/ Freezing point (°C)	-63°C
Boiling Point	60.5 – 61.5°C	Vapour pressure (20 °C)	210 hPa at 20 °C
Density (g/cm ³)	1.492	Solubility in water (% weight)	8,7 g/l at 23 °C
Vapour Density	4.12	Partition coefficient Log Pow octanol / water at 20°C	1.97

Packaging

500 ml, 2500 ml, 4000 ml

Specification

Appearance	clear colorless liquid with a characteristic odour
Assay (by GC)	min 99.8 %
Wt. Per ml at 20 °C	1.474 – 1.479 g/cm ³
Colour	max 10 Hazen
Refractive Index (n ²⁰ _D)	1.444 – 1.447
Water (H ₂ O)	max 0.05 %
Acidity (as HCl)	max 0.0005 meq/g
Non-volatile matter	max 0.0005 %
Ionized Chloride (Cl)	max 0.00002 %
Free Chlorine (Cl)	max 0.0005 %
Metalic impurities	No reaction
Aldehydes and Ketones (CH ₃ CHO)	max 0.005 %

Organic impurities
Ethanol as stabilizer

passes test
0.5 - 1.0 %

Safety Information and Hazard Symbols



Symbol: GHS06, GHS08

Signal Word: Danger

UN No.: 1888

IMCO Class No.: 6.1

Packing Group: III

Hazardous Statement: H302-H315-H319-H331-H336-H351-H361d-H372

Precaution Statement: P202-P301+P312-P302+P352-P304+P340+P311-P305+PP351+P338-P308+P313