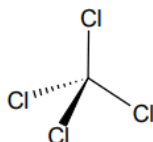


TIQ-F-QC-003
 Rev.00

Technical Data Sheet

CARBON TERTACHLORIDE 99,5 %AR

Tetrachloromethane, perchloromethane



Product Code	B-3018	Grade	Analytical Reagent
Purity	99,5%	CAS No	56-23-5
Molecular Formula	CCl ₄	Molecular Weight	153.82 g/mol
H.S.Code	2903.1400	Shelf Life	60 Months

Physical Properties

Physical state	Liquid	Melting point	-22,99 °C
Colour	colourless	Boiling point	77 °C at 1.013 hPa
Odour	Sweet	Partition coefficient: noctanol/water	log Pow: 2,83 at 25 °C
Relative density	1,59 g/cm ³ at 20 °C	Vapour pressure	14.549 hPa at 24 °C
Solubility in water	0,8461 g/l at 20 °C		

Packaging

500 ml

Specification

Appearance	Clear colorless liquid
Assay (GC, area %)	min 99.5 %
Wt. Per ml at 20 °C	1.592 – 1.595 g/cm ³
Refractive index (20°C;589 nm)	1.460 – 1.461 n _D ²⁰
Water (H ₂ O)	max 0.02 %
Acidity (as HCl)	max 0.0005 %
Non-volatile matter	max 0.001 %
Ionised chloride (Cl)	max 0.00006 %
Free chlorine (Cl)	max 0.00001 %
Reaction against H ₂ SO ₄	passes test
Carbon disulphide (CS ₂)	max 0.0005 %
Iodine reducing substances (I)	max 0.0016 %

Safety Information and Hazard Symbols



Symbol: GHS06, GHS08

Signal Word: Danger

UN No.: 1846

IMCO Class No.: 6.1

Packing Group: II

Hazardous Statement: H301-H311-H331-H317-H351-H372-H412-H420

Precaution Statement: P261-P273-P280-P301+P310+P330-P403+P233-P502