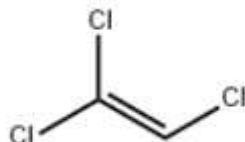


TIQ-F-QC-003
 Rev.00

Technical Data Sheet

TRICHLOROETHYLENE 99,5% AR

CE, Trichloroethene



Product Code	B-3075	Grade	Analytical Reagent
Purity	99,5 %	CAS No	79-01-6
Molecular Formula	C ₂ HCl ₃	Molecular Weight	131,39 g/mol
H.S.Code	2903.2200	Shelf Life	60 Months

Physical Properties

Physical state	Liquid	Colour	Colourless
Odour	Characteristic	Vapour pressure	81,3 hPa at 20,0 °C
Boiling point	86,7 °C	Relative density	1,46 at 20 °C
Density	1,463 g/mL at 25 °C	Solubility in water	1,1 g/l at 20 °C
Melting point	-84,8 °C	Partition coefficient: noctanol/water	log Pow: 2,53 at 20 °C
Auto ignition temperature	410,0 °C		

Packaging

500 ml

Specification

Appearance	A clear colourless liquid
Assay (by GC)	min 99,5 %
Wt. Per ml at 20°C	1.460 – 1.475 g/cm ³
Colour	Max 10 Hazen
Water (H ₂ O)	max 0.02 %
Residu on evaporation	max 0.001 %
Ethanol	max 0.5 %
Tetrachloromethylene	max 0.05 %
Free Halogen	passes test
Chloride (Cl)	max 0.0004 %
Heavy Metals (as Pb)	max 0.0001 %
Titrate Acid	max 0.0001 meq/g
Titrate Base	max 0.0003 meq/g

Safety Information and Hazard Symbols



Symbol: GHS07, GHS08

Signal Word: Danger

UN No.: 1710

IMCO Class No.: 6.1

Packing Group: III

Hazardous Statement: H315-H317-H319-H336-H341-H350-H412

Precaution Statement: P202-P273-P280-P302+P352-P305+P351+P338-P308+P313