

TRICHLOROETHYLENE HPLC



Specification

Parameter	unit	Requirements
Assay	%	min. 99,8
Water (KF)	%	max. 0,01
Acidity	meq/g	max. 0,0005
Evaporation residue	%	max. 0,0005
UV - transmittion (1 cm, water):		
280 nm	%	min. 50
300 nm	%	min. 70
320 nm	%	min. 80
350 nm	%	min. 85
400 nm	%	min. 98

Guarantee: 1 year from production date.

Symbol: T

R-phrases: 45-36/38-52/53-67

S-phrases: 53-45-61

ADR Class and package group: 6.1,III

UN Number: 1710

Name (acc. to UN): trichloroethylene

Physical and chemical properties

Form: liquid

Colour: colourless

Odour: characteristic

pH value: not available

Melting point: -86°C

Boiling point: 87°C, decomposition >110°C

Ignition temperature: 410°C

Flash point: not available

Explosion limit:

lower: 7,9 Vol%

upper: 9,0 Vol%

Vapour pressure: 77 mbar (20°C)

Density: 1,46 g/cm³ (20°C)

Bulk density: not applicable

Solubility:

in water: almost insoluble

in organic solvents: not available