

TOLUENE HPLC



Specification

Parameter	unit	Requirements
Assay (GC)	%	min. 99,8
Water (KF)	%	max. 0,01
Acidity	meq/g	max. 0,0005
Evaporation residue	%	max. 0,0005
UV - transmittion (1 cm, water):		
290 nm	%	min. 50
300 nm	%	min. 80
310 nm	%	min. 90
330 nm	%	min. 98
350 nm	%	min. 99

Guarantee: 3 years from production date.

Symbol: F Xn

R-phrases: 11-38-48/20-63-65-67

S-phrases: 36/37-62-46

ADR Class and package group: 3,II

UN Number: 1294

Name (acc. to UN): toluene

Physical and chemical properties

Form: liquid

Colour: colourless

Odour: characteristic

pH value: not available

Melting point: -95°C

Boiling point: 111°C

Ignition temperature: 535°C

Flash point: 4°C

Explosion limit:

lower: 1,2 Vol%

upper: 8,0 Vol%

Dynamic viscosity: (20°C): 0,6 mPa*s

Kinematical viscosity: (20°C): 0,7 mm²/s

Vapour pressure: 29 mbar (20°C)

Density: 0,87 g/cm³ (20°C)

Bulk density: not applicable

Solubility:

in water: 0,5 g/l (20°C)

in organic solvents: soluble