

# TETRAHYDROFURAN HPLC



## Specification

Parameter	unit	Requirements
Assay (GC)	%	min. 99,8
Water (KF)	%	max. 0,02
Acidity	meq/g	max. 0,0005
Evaporation residue	%	max. 0,0005
UV - transmittion (1 cm, water):		
240 nm	%	min. 70
250 nm	%	min. 80
260 nm	%	min. 90
270 nm	%	min. 98
280 nm	%	min. 99

Guarantee: 2 years from production date.

Symbol: F Xi

R-phrases: 11-19-36/37

S-phrases: 16-29-33

ADR Class and package group: 3,II

UN Number: 2056

Name (acc. to UN): tetrahydrofuran

### Physical and chemical properties

Form: liquid

Colour: colourless

Odour: ether-like

pH value: (200 g/l H<sub>2</sub>O, 20°C): 7 - 8

Melting point: -108°C

Boiling point: 66°C

Ignition temperature: 215°C

Flash point: -21,5°C

Explosion limit:

lower: 1,5 Vol%

upper: 12,4 Vol%

Dynamic viscosity: (20°C): 0,48 mPa\*s

Vapour pressure: 173 hPa (20°C)

Density: 0,89 g/cm<sup>3</sup> (20°C)

Bulk density: not applicable

Solubility:

in water: soluble

in organic solvents: not available