

## Tetrahydrofuran

Chemical formula: C<sub>4</sub>H<sub>8</sub>O

Molar mass: 72,11 g/mol

CAS: 109-99-9

EINECS: 203-726-8

### A.G. (27070)

Appearance	clear colorless liquid
Assay	min. 99,8 %
Water	max. 0,1 %
Residue after evaporation	max. 0,005 %
Boiling point	65 - 67 °C
Density (20 °C)	0,887 g/cm <sup>3</sup>
Refractive index	1,408
Stabilizer	2,6-di-terc-butyl-p-kresol ~ 0,03 %

### pure (27030)

Appearance	clear colorless liquid
Assay	min. 99,0 %
Water	max. 0,1 %
Boiling point	65 - 67 °C
Density (20 °C)	0,887 g/cm <sup>3</sup>
Refractive index	1,408
Stabilizer	2,6-di-terc-butyl-p-kresol ~ 0,03 %

### ACS (27020)

Appearance	clear liquid
Color scale (APHA)	max. 20
Assay	min. 99,0 %
Water	max. 0,05 %
Residue after evaporation	max. 0,03 %
Density (20 °C)	0,89 g/cm <sup>3</sup>
Refractive index	1,408
Peroxides	max. 0,015 %
Stabilizer	BHT ~ 250 ppm

for HPLC (27080)

Appearance	Clear colourless liquid
Assay	min. 99,8%
Residue after evaporation	max. 0,0003%
UV absorption at 230 nm	max. 0,523
UV absorption at 270 nm	max. 0,056
UV absorption at 310 nm	max. 0,004
Free acids (as CH <sub>3</sub> COOH)	max. 0,003%
Peroxides	max. 0,05%
Water	max. 0,03%
Color scale (Hazen)	max. 10

Classification of the substance in accordance with Regulation (EC) No 1272/2008



Hazard statements: 225, 302, 319, 335, 351,336

EUH statements: 019

Precautionary statements: 210, 243, 305+351+338

Signal word: Danger

ADR/RID: 3 /F1 /II

UN 2056