



Tetrahydrofuran (THF)

CAS Number	Formula
109-99-9	C ₄ H ₈ O or (CH ₂) ₃ CH ₂ O

Tetrahydrofuran (THF) is a clear, colourless, volatile, and water-miscible liquid. It has low viscosity at standard temperature and has the formula C₄H₈O. It has smell similar to diethyl ether and is one of the most polar ethers.

SPECIFICATION

Appearance	Clear Liquid
Purity	99.993 wt %
Color	< 5 APHA
Moisture	52 ppm
Peroxides	8 ppm
Specific Gravity (20/4°C)	0.88746
Refractive Index	1.4071

MAJOR USE: As a solvent for special resins such as photosensitive resins, because even at room temperature it can dissolve various resins, and it is miscible with water and most organic solvents. In, addition, it is used as a solvent for Grignard and Wittig reactions.

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