

# Technical Datasheet

**Article no.: 797**

**Tetrahydrofuran for HPLC (min. 99.9 % (unstab.))**

C<sub>4</sub>H<sub>8</sub>O

For laboratory use.

CAS-No: 109-99-9  
Appearance/condition: Clear, colourless liquid  
Melting point: -108 °C  
Boiling point: 64 – 66 °C  
Density (20 °C): 0.89 g/ml  
Molar mass: 72.11 g/mol

Parameter	Value
Refractive index (20 °C)	1.405 – 1.409
Water (KF)	max. 200 mg/kg
Non-volatile substances	max. 5 mg/kg
Free acids (as CH <sub>3</sub> COOH)	max. 20 mg/kg
Peroxides (as H <sub>2</sub> O <sub>2</sub> )	max. 300 mg/kg
UV transmittance at 240 nm	min. 20.0 %
UV transmittance at 250 nm	min. 45.0 %
UV transmittance at 300 nm	min. 90.0 %
UV transmittance at 320 nm	min. 95.0 %
Colour (APHA)	max. 10
Filtered through 0.2 µm.	

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