

# Specification

Item number: 0739

## Tetrahydrofuran

### ROTISOLV® ≥99,9 %, Ultra LC-MS, unstabilised

CAS No.: 109-99-9

print date:

01.01.2024

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

density: 0,88

molecular weight: 72,11 g/mol

#### Guarantee analysis

Assay (GC)	≥99,9 %
Colour (APHA)	≤10
Water (KF)	≤0,02 %
Acidity (as CH <sub>3</sub> COOH)	≤0,002 %
Alkalinity (as NH <sub>3</sub> )	≤0,0005 %
Evaporation residue	≤0,0001 %
Aluminium (Al)	≤20 ppb
Calcium (Ca)	≤50 ppb
Iron (Fe)	≤20 ppb
Potassium (K)	≤50 ppb
Magnesium (Mg)	≤20 ppb
Sodium (Na)	≤50 ppb

#### Fluorescence (as quinine):

254 nm	≤1 ppb
365 nm	≤1 ppb

#### Gradient test:

254 nm	≤0,01 AU
280 nm	≤0,003 AU

#### Transmission:

310 nm	≥99 %
280 nm	≥95 %
275 nm	≥90 %
265 nm	≥80 %

Our products are tested for laboratory use only.  
The stated information refers to the current status of product quality.  
We reserve the right to implement necessary changes.

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**Dr. R. Niemand**  
*Head of Quality Assurance*

**S. Lorsee**  
*Head of Quality Management*

*This document is computer printout and has therefore not been signed by hand.*

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Die Firma ist eine Kommanditgesellschaft mit Sitz in Karlsruhe, Reg. Gericht Mannheim HRA 100055. Persönlich haftende Gesellschafterin ist die Firma Roth Chemie GmbH mit Sitz in Karlsruhe, Reg. Gericht Mannheim HRB 100428. Geschäftsführer: André Houdelet

