

Specification

Item number: AE72

Water

ROTISOLV® LC-MS Grade

CAS No.: 7732-18-5

print date: 01.01.2024

formula: H₂O

density: 1

molecular weight: 18,02 g/mol

Guarantee analysis

Spec. electric resistance (at time of preparation)	≥18.2 MΩ*cm
Free acid (as CH₃COOH)	≤0.001 %
Free alkali (as NH₃)	≤0.0005 %
Non volatile matter	≤0.0001 %
230 nm	≥99 %
200 nm	≥95 %
Aluminium (Al)	≤0.05 ppm
Calcium (Ca)	≤0.05 ppm
Iron (Fe)	≤0.05 ppm
Potassium (K)	≤0.05 ppm
Magnesium (Mg)	≤0.05 ppm
Sodium (Na)	≤0.05 ppm
LC-MS suitability test	complies

Fluorescence (as quinine):

254 nm	≤0.5 ppb
365 nm	≤0.5 ppb

Gradient test UV absorption of the greatest eluated peak:

210 nm	≤3.0 mAU
365 nm	≤1.0 mAU

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.

Dr. R. Niemand
Head of Quality Assurance

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Head of Quality Management

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