

Specification

Item number: AE70

Acetonitrile

ROTISOLV® ≥99,95 %, LC-MS Grade

CAS No.: 75-05-8

print date:

01.01.2024

formula: C₂H₃N

density: 0,79

molecular weight: 41,05 g/mol

Guarantee analysis

Assay (GC)	≥99.95 %
Colour (APHA)	≤5
Water (KF)	≤0.01 %
Free acid (as CH ₃ COOH)	≤0.001 %
Free alkali (as NH ₃)	≤0.0001 %
Non volatile matter	≤0.0001 %
240 nm	≥99 %
220 nm	≥98 %
200 nm	≥95 %
195 nm	≥78 %
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	≤0.2 ppb
365 nm	≤0.2 ppb

Gradient test:

210 nm	≤0.005 AU
254 nm	≤0.002 AU

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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S. Lorsee

Head of Quality Management

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