

Specification

Item number:	HN40		
Acetonitrile			
ROTISOLV® ≥99.98 %, Ultra LC-MS			
CAS No.:	75-05-8	print date:	19.04.2017
formula:	C ₂ H ₃ N		
density:	0,78		
molecular weight:	41,05 g/mol		

Guarantee analysis

Assay (GC)	≥99,98 %
Colour (APHA)	≤5
Water (KF)	≤0,01 %
Free acid (as CH₃COOH)	≤0,001 %
Free alkali (as NH₃)	≤0,0001 %
Non volatile matter	≤0,0001 %

Transmission:

230 nm	≥99 %
215 nm	≥98 %
200 nm	≥97 %
195 nm	≥85 %
191 nm	≥30 %

Gradient test: UV absorption of the greatest eluated peak

210 nm	≤0,001 AU
254 nm	≤0,0003 AU

Fluorescence (as quinine)

254 nm	≤0,25 ppb
365 nm	≤0,25 ppb
Aluminium (Al)	≤20 ppb
Calcium (Ca)	≤50 ppb
Iron (Fe)	≤20 ppb
Potassium (K)	≤50 ppb
Magnesium (Mg)	≤20 ppb
Sodium (Na)	≤100 ppb

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.

U. Jeckel
Quality Assurance

S.Hildebrandt
Quality Management

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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. Vorsitzender des Aufsichtsrats: Eberhard Gaul
Geschäftsführer: Lothar Haidmann

