

# Specification

Item number: T195

## Acetonitrile

### ROTISOLV® HPLC Ultra Gradient Grade

CAS No.: 75-05-8

print date:

01.01.2024

formula:  $C_2H_3N$

density: 0,79

molecular weight: 41,05 g/mol

#### *Guarantee analysis*

<b>Assay (GC)</b>	≥99,95 %
<b>Colour (Hazen)</b>	≤5
<b>Water (KF)</b>	≤0,01 %
<b>Free acid (as CH<sub>3</sub>COOH)</b>	≤0,001 %
<b>Free alkali (as NH<sub>3</sub>)</b>	≤0,0001 %
<b>Non volatile matter</b>	≤0,0001 %
<b>PAH-test (less than 2 ppb, HPLC)</b>	complies

#### *Fluorescence*

**Em: 250-700 nm, Ex: 240-600 nm** ≤1 ppb

#### *Fluorescence (as quinine):*

<b>254 nm</b>	≤0,2 ppb
<b>365 nm</b>	≤0,2 ppb

#### *Gradient test UV absorption of the greatest eluated peak:*

<b>210 nm</b>	≤1,0 mAU
<b>254 nm</b>	≤0,2 mAU

#### *Transmission:*

<b>230 nm</b>	≥99 %
<b>215 nm</b>	≥98 %
<b>200 nm</b>	≥96 %
<b>195 nm</b>	≥85 %
<b>191 nm</b>	≥25 %

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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**Carl Roth GmbH + Co. KG**  
Schoemperlenstraße 3-5  
76185 Karlsruhe

Telefon 0721/5606-0  
Telefax 0721/5606-149  
E-Mail: [info@carlroth.de](mailto:info@carlroth.de)

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