

## neoFroxx GmbH

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## Specification

Product	Acetonitrile for HPLC
Product number	LC-4079
Synonyms	ACN, Methyl cyanide, Ethyl nitrile, Cyanomethane
Formula	C <sub>2</sub> H <sub>3</sub> N
Molecular weight	41.05 g/mol
CAS number	75-05-8
Storage	below 25°C
Retest period (months)	48

Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere !

Parameter	Specification
Assay (GC)	>= 99.9 %
Identity (IR)	passes test
Density	0.779 - 0.783 kg/l
APHA colour	<= 10
Acidity	<= 0.0005 meq/g
Alkalinity	<= 0.0001 meq/g
Non-volatile matter	<= 0.0004 %
Base line drift (210 nm)	<= 10 mUA
Water	<= 0.02 %
Transmittance	
195 nm	>= 80 %
200 nm	>= 90 %
230 - 400 nm	>= 98 %
Rohrschneider polarity	5.8

Einhausen, 04.10.2024