

## Acetonitril

9821 BAKER ANALYZED LC-MS Reagent

▶ CH<sub>3</sub>CN

M = 41.05 g/mol

1 l = 0.78 kg

FLAMMPUNKT 2 °C

CAS NO. 75-05-8

EINECS 200-835-2

NC CODE 2926 90 950

EC INDEX NO. 608 001 00 3

UN/ID NO. 1648

ADR/RID 3 F1

IMDG 3/II

VbF B

WGK 2

GIFTKLASSE(CH) 2

H: H225-H302-H312-H319-H332

P: P210-P241-P261-

P303+P361+P353-

P305+P351+P338-P501a



Gefahr

Assay (by GC) min. 99.9%

Residue after Evaporation max. 1 ppm

Water (H<sub>2</sub>O) max. 0.01%

**LC-Gradient-Diode Array Detection (a.u.), test solution is modified with 0.1%(v/v) formic acid:**

at 220 nm max. 0.002

at 254 nm max. 0.001

**LC-MS Gradient Suitability Test (TIC, 100 to 2000 m/z), test solution is modified with 0.1% (v/v) formic acid:**

Positive ESI-MS Sensitive Impurities

(as Reserpine) max. 50 ng/ml

**Product Information (not specifications):**

Density (g/ml) at 20°C 0.78

Refractive Index n<sub>D</sub><sup>20</sup> 1.344

**Trace Impurities (in ppb):**

Aluminium (Al) max. 50

Calcium (Ca) max. 50

Iron (Fe) max. 50

Magnesium (Mg) max. 50

Potassium (K) max. 50

Sodium (Na) max. 50

**Ultraviolet Absorbance (1.00-cm path vs water):**

at 200 nm max. 0.05

at 220 nm max. 0.01

at 254 nm max. 0.01

PRODUKT-NR.	EINHEIT	KARTON INHALT
9821.1000GL	1 l Glas	6
9821.2500GL	2.5 l Glass	4

Element concentrations are at time of lot release.

## Acetonitril

9017 'BAKER HPLC ANALYZED' / Ultra Gradient HPLC Grade

▶ CH<sub>3</sub>CN

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1 l = 0.78 kg

FLAMMPUNKT 2 °C

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EINECS 200-835-2

NC CODE 2926 90 950

EC INDEX NO. 608 001 00 3

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WGK 2

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Gefahr

**Meets Chromatography Reagent Specifications for testing Ph. Eur. monographs**

Assay (by GC) min. 99.9%

Appearance passes test

Distilling Range 80-82°C min. 95%

Identity (by IR) passes test

Transmittance 240 nm - 420 nm min. 98%

Water (H<sub>2</sub>O) max. 0.01%

**Fluorescence Trace Impurities (as quinine base), ppb:**

Measured at 450 nm max. 0.3

Measured at Emission Maximum for

Solvent Impurities max. 1.0

**Gradient Elution Test (PAH Suitability test) Ultraviolet**

**Absorbance (a.u.):**

at 210 nm max. 0.002

at 254 nm max. 0.0005

Fluorescence (in ppb, measured as Benzo(a)

Pyrene at EX/Em=280nm/Total Emission max. 0.5

**Limits of Impurities:**

Residue after Evaporation max. 1 ppm

Titration Acid (meq/g) max. 0.0008

Titration Base (meq/g) max. 0.0006

**Physical Data (not specifications):**

Density (g/ml) at 20°C 0.786

Refractive Index n<sub>D</sub><sup>20</sup> 1.344

**Ultraviolet Absorbance (1.00-cm path vs water):**

at 200 nm max. 0.05

at 220 nm max. 0.01

at 254-400 nm max. 0.01

UV Cut-off, nm max. 190

PRODUKT-NR.	EINHEIT	KARTON INHALT
9017.1000	1 l	6
9017.2500	2.5 l	4
9017.4000	4 l Glas	4
9017.5000	5 l EcoTainer	

EcoTainer sind bruchssichere Gebinde und vermeiden Verpackungsmüll. Näheres siehe entsprechende Produktinformation.

Filtered through a 0.2 micron filter. Packaged under Nitrogen.