Technical Datasheet

Art.-No.: 2697

Acetonitrile for LC-MS (min. 99.95 %)
CH_3CN

For laboratory use.

Parameter	Value
Appearance	Clear colouless liquid
Density (20 °C)	0.781 – 0.786 g/ml
Molar mass	41.05 g/mol
Melting Point	-45 – -46 °C
Boilling Point	80 – 82.5 °C
CAS-No.	75-05-8
Identity (IR)	complies
Refractive index (20 °C)	1.342 – 1.346
Water (KF)	max. 100 mg/kg
Non-volatile substances	max. 2 mg/kg
Free acid	max. 0.0005 meq/g
Free alkali	max. 0.0002 meq/g
UV transmittance at 195 nm	min. 80.0 %
UV transmittance at 200 nm	min. 95.0 %
UV transmittance at 220 nm	min. 98.0 %
UV transmittance at 230 nm	min. 99.0 %
UV cut off	max. 190 nm
HPLC gradient test	complies
HPLC gradient (peak) at 210 nm	max. 1 mAU
HPLC gradient (peak) at 254 nm	max. 0.2 mAU
Fluorescence (as quinine) at 254 nm	max. 1 ppb
Fluorescence (as quinine) at 365 nm	max. 0.5 ppb
Aluminium (Al)	max. 0.000005 %
Iron (Fe)	max. 0.000005 %
Sodium (Na)	max. 0.000005 %
Calcium (Ca)	max. 0.000005 %

Th. Geyer GmbH & Co. KG
Dornierstr. 4 – 6
D-71272 Renningen
Tel.: +49 7159 1637-0
Fax: +49 7159 1637-710
renningen@thgeyer.de
www.thgeyer.de

BW-Bank (Swift/BIC SOLADEST600)
IBAN DE85600501010002036302
Postbank Stuttgart (Swift/BIC PBNKDEFFXXX)
IBAN DE32600100700000020708
Deutsche Bank (Swift/BIC DEUTDESSXXX)
IBAN DE06600700700125518100

St.-Nr. 70093/40018 / USt-IdNr. DE147510304
Amtsgericht Stuttgart / HRA-Nr. 254140
Persönlich haftende Gesellschafterin:
Geyer Beteiligungsgesellschaft mbH
Amtsgericht Stuttgart / HRB-Nr. 252035
Geschäftsführer: Lutz-Alexander Geyer / Ralf Streicher
Oliver-Alexander Geyer / André Meise

Technical Datasheet

Art.-No.: 2697

Acetonitrile for LC-MS (min. 99.95 %)
CH_3CN

For laboratory use.

Magnesium (Mg)	max. 0.000005 %
Potassium (K)	max. 0.000005 %
Sensitive impurities (reserpine)	max. 100 ppb
Colour (Hazen)	max. 10
Filtered through 0.1 µm	

Th. Geyer GmbH & Co. KG
Dornierstr. 4 – 6
D-71272 Renningen
Tel.: +49 7159 1637-0
Fax: +49 7159 1637-710
renningen@thgeyer.de
www.thgeyer.de

BW-Bank (Swift/BIC SOLADEST600)
IBAN DE85600501010002036302
Postbank Stuttgart (Swift/BIC PBNKDEFFXXX)
IBAN DE32600100700000020708
Deutsche Bank (Swift/BIC DEUTDESSXXX)
IBAN DE06600700700125518100

St.-Nr. 70093/40018 / USt-IdNr. DE147510304
Amtsgericht Stuttgart / HRA-Nr. 254140
Persönlich haftende Gesellschafterin:
Geyer Beteiligungsgesellschaft mbH
Amtsgericht Stuttgart / HRB-Nr. 252035
Geschäftsführer: Lutz-Alexander Geyer / Ralf Streicher
Oliver-Alexander Geyer / André Meise