

A

B

C

D

E

F

G

H

I

J

K

L

M

N

O

P

Q

R

S

T

U

V

W

X

Y

Z

80

AC0368 Acetonitrile, standard substance for GC



assay99,9%
over ramp50°C, 10°C/min 200°C
identity IR

ART. NO.	VOLUME	CONTAINER
AC03680005	5 ml	Ⓜ

AC0326 Acetonitrile, 99,9%, anhydrous (max. 0,001% H₂O)



assay (G.C.) min. 99,9 %
identity (IR-spectrum) passes test
density (20°/4°) 0,779 - 0,783
appearance clear
acidity max. 0,0002 meq/g
alkalinity max. 0,0001 meq/g
colour (Hazen) max. 10
cyanides (CN) max. 0,005 %
aluminium (Al) max. 0,5 ppm
barium (Ba) max. 0,1 ppm
boron (B) max. 0,02 ppm
cadmium (Cd) max. 0,05 ppm
calcium (Ca) max. 0,5 ppm

chromium (Cr) max. 0,02 ppm
cobalt (Co) max. 0,02 ppm
copper (Cu) max. 0,02 ppm
iron (Fe) max. 0,1 ppm
lead (Pb) max. 0,1 ppm
magnesium (Mg) max. 0,1 ppm
manganese (Mn) max. 0,02 ppm
nickel (Ni) max. 0,02 ppm
tin (Sn) max. 0,1 ppm
zinc (Zn) max. 0,1 ppm
reaction to H₂SO₄ passes test
residue on evaporation max. 0,0005 %
water (K.F.) max. 0,001 %

ART. NO.	VOLUME	CONTAINER
AC03260100	100 ml	Ⓜ
AC03260500	500 ml	Ⓜ
AC03261000	1 l	Ⓜ

AC0370 Acetonitrile, 99,7%, anhydrous (max. 0,005% H₂O), with molecular sieves



assay (G.C.) min. 99,7 %
identity (IR-spectrum) passes test
density (20°/4°) 0,779 - 0,783

acidity max. 0,0002 meq/g
alkalinity max. 0,0001 meq/g
water (K.F.) max. 0,005 %

ART. NO.	VOLUME	CONTAINER
AC03701000	1 l	Ⓜ

AC0336 Acetonitrile, max. 0,003% H₂O, DNA synthesis grade



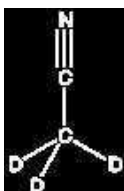
assay (G.C.) min. 99,8 %
identity (IR-spectrum) passes test
density (20°/4°) 0,779 - 0,783
acidity max. 0,001 meq/g
alkalinity max. 0,0002 meq/g
residue on evaporation max. 0,0001 %
water (K.F.) max. 0,003 %

minimum transmission in a 1,0 cm cell at
wavelength transmission
200 nm88 %
225 nm98 %
Microfiltered through membranes of pore diameter
0,22 µm

ART. NO.	VOLUME	CONTAINER
AC03362500	2,5 l	Ⓜ

ACETONITRILE-D₃

AC0332 Acetonitrile-d₃, deuteration degree min. 99,8%, NMR spectroscopy grade, Spectrosol®



- Synonyms: Trideuteroacetonitrile
- CD₃CN
- M = 44,05 g/mol
- CAS [2206-26-0]
- EINECS-No.: 218-616-5
- Density: 0,84 g/cm³
- Solub. in water: (20 °C): miscible
- Melting point: -46 °C
- Boiling point: 79 °C
- Flash pt. 5 °C
- Ignition temp.: 525 °C
- Vapour pressure: (20 °C) 97 hPa
- LD 50 (oral, rat): 2730 - 3800 mg/kg
- ADR: 3 F1 II UN 1648
- IMDG: 3 II UN 1648
- IATA/ICAO: 3 II UN 1648
- GHS-signal word: Danger
- GHS-H sentences: H225 - H302 - H312 - H332 - H319
- GHS-P sentences: P210 - P241 - P261 - P303 + P361 + P353 - P305 + P351 + P338 - P501a
- Tariff number: 2845 90 10 00
- Applications: for nuclear magnetic resonance spectroscopy.

deuteration degree min. 99,8 %
water (K.F., H₂O + D₂O) max. 0,03 %
performance test (NMR-spectrum) passes test

ART. NO.	VOLUME	CONTAINER
AC03320010	10 ml	Ⓜ