

AC0331 Acetonitrile, supragradient HPLC grade



assay (G.C.) . . . . . min. 99,9 %  
identity (IR-spectrum) . . . . . passes test  
density (20°/4°) . . . . . 0,779 - 0,783  
acidity . . . . . max. 0,0002 meq/g  
alkalinity . . . . . max. 0,0001 meq/g  
residue on evaporation . . . . . max. 0,0001 %  
water (K.F.) . . . . . max. 0,01 %  
min. transmission/max. absorbance in a 1,0 cm cell at  
wavelength T(%) A (AU)  
195 nm . . . . . 80 % 0,097 AU  
200 nm . . . . . 95 % 0,022 AU  
210 nm . . . . . 97 % 0,013 AU  
220 nm . . . . . 98 % 0,009 AU

gradient grade (210 nm)  
maximum peak absorbance: 0,0015 AU  
maximum background absorbance: 0,01 AU  
Suitable for liquid chromatography at 254 nm  
fluorescence analysis: maximum absorbance: 1 ppb  
as quinine (in 0,1 N sulfuric acid), for the spectra  
recorded at the following conditions: EX wavelength  
between 220 and 450 EM wavelength between 250  
and 550  
Microfiltered through membranes of pore diameter  
0,22 µm  
Suitable for UPLC

ART. NO.	VOLUME	CONTAINER
AC03311000	1 l	0
AC03312500	2,5 l	0
AC03314000	4 l	0
AC0331007E	7 l	0
AC0331025S	25 l	0
AC0331030S	30 l	0
AC0331185E	185 l	0
AC0331200E	200 l	0

AC0371 Acetonitrile, LC-MS



assay (G.C.) . . . . . min. 99,9 %  
identity (IR-spectrum) . . . . . passes test  
density (20°/4°) . . . . . 0,779 - 0,783  
acidity . . . . . max. 0,0002 meq/g  
aluminium (Al) . . . . . max. 0,5 ppm  
barium (Ba) . . . . . max. 0,1 ppm  
cadmium (Cd) . . . . . max. 0,05 ppm  
calcium (Ca) . . . . . max. 0,1 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  
potassium (K) . . . . . max. 0,1 ppm  
silver (Ag) . . . . . max. 0,1 ppm  
sodium (Na) . . . . . max. 0,1 ppm

tin (Sn) . . . . . max. 0,1 ppm  
zinc (Zn) . . . . . max. 0,1 ppm  
residue on evaporation . . . . . max. 0,0001 %  
water (K.F.) . . . . . max. 0,01 %  
suitability for use in LC-MS . . . . . passes test  
min. transmission/max. absorbance in a 1,0 cm cell at  
wavelength T(%) A (AU)  
195 nm . . . . . 80 % 0,097 AU  
200 nm . . . . . 95 % 0,022 AU  
210 nm . . . . . 97 % 0,013 AU  
220 nm . . . . . 98 % 0,009 AU  
230 nm . . . . . 99 % 0,004 AU  
gradient grade (210 nm)  
maximum background absorbance: 0,012 AU  
maximum peak absorbance: 0,001 AU  
gradient grade (254 nm)  
maximum peak absorbance: 0,0005 AU  
Microfiltered through membranes of pore diameter  
0,22 µm

ART. NO.	VOLUME	CONTAINER
AC03711000	1 l	0
AC03712500	2,5 l	0

AC0391 Acetonitrile, UHPLC-MS



assay (G.C.) . . . . . min. 99,9 %  
identity (IR-spectrum) . . . . . passes test  
density (20°/4°) . . . . . 0,779 - 0,783  
acidity . . . . . max. 0,0002 meq/g  
aluminium (Al) . . . . . max. 0,05 ppm  
barium (Ba) . . . . . max. 0,02 ppm  
cadmium (Cd) . . . . . max. 0,02 ppm  
calcium (Ca) . . . . . max. 0,1 ppm  
chromium (Cr) . . . . . max. 0,02 ppm  
cobalt (Co) . . . . . max. 0,02 ppm  
copper (Cu) . . . . . max. 0,02 ppm  
iron (Fe) . . . . . max. 0,02 ppm  
lead (Pb) . . . . . max. 0,1 ppm  
magnesium (Mg) . . . . . max. 0,02 ppm  
manganese (Mn) . . . . . max. 0,02 ppm  
nickel (Ni) . . . . . max. 0,02 ppm  
potassium (K) . . . . . max. 0,1 ppm  
silver (Ag) . . . . . max. 0,1 ppm  
sodium (Na) . . . . . max. 0,1 ppm  
tin (Sn) . . . . . max. 0,1 ppm

zinc (Zn) . . . . . max. 0,1 ppm  
residue on evaporation . . . . . max. 0,0001 %  
water (K.F.) . . . . . max. 0,01 %  
suitability for use in UHPLC-MS . . . . . passes test  
min. transmission/max. absorbance in a 1,0 cm cell at  
wavelength T(%) A (AU)  
195 nm . . . . . 80 % 0,097 AU  
200 nm . . . . . 95 % 0,022 AU  
210 nm . . . . . 97 % 0,013 AU  
220 nm . . . . . 98 % 0,009 AU  
230 nm . . . . . 99 % 0,004 AU  
gradient grade (210 nm)  
maximum background absorbance: 0,012 AU  
maximum peak absorbance: 0,001 AU  
gradient grade (254 nm)  
maximum peak absorbance: 0,0002 AU  
UHPLC-MS test ESI+ . . . . . max. 5 ppb Reserpin  
UHPLC-MS test ESI- . . . . . max. 20 ppb Digoxin  
Microfiltered through membranes of pore diameter  
0,1 µm

ART. NO.	VOLUME	CONTAINER
AC03911000	1 l	0
AC03912500	2,5 l	0

AC0338 Acetonitrile, for GC residue analysis, suitable for QuEChERS



assay (G.C.) . . . . . min. 99,8 %  
identity (IR-spectrum) . . . . . passes test  
density (20°/4°) . . . . . 0,779 - 0,783  
residue on evaporation . . . . . max. 0,0001 %  
water (K.F.) . . . . . max. 0,02 %  
Suitable for organohalogenated pesticide and

dioxins, furans and PCBs residue analysis. ECD,  
from 1,2,4-trichlorobenzene to decachlorobiphenyl,  
no peaks are obtained greater than 3 pg/ml as  
lindane. No peaks are obtained in vicinity of  
2,4,5-trichlorobiphenyl.  
Suitable for QuEChERS

ART. NO.	VOLUME	CONTAINER
AC03381000	1 l	0
AC03382500	2,5 l	0

AC0366 Acetonitrile, GC-MS



assay (G.C.) . . . . . min. 99,8 %  
colour (Hazen) . . . . . max. 10  
identity (IR-spectrum) . . . . . passes test  
residue on evaporation . . . . . max. 3 ppm  
water (K.F.) . . . . . max. 0,05 %

GC/MSD (retention range n-undecane to  
n-tetracontane, scanning area 30 - 600 amu, individual  
signals  
(n- tetradecane standard)) . . . . . max. 3,0 ng/ml (ppb)  
Suitable for residue analysis

ART. NO.	VOLUME	CONTAINER
AC03661000	1 l	0
AC03662500	2,5 l	0