

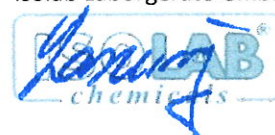


SPECIFICATION SHEET

Product Name : Acetonitrile, LC-MS
Product Number : 901.038
Brand : ISOLAB
CAS Number : 75-05-8
Formula : C₂H₃N
Formula Weight : 41.05 g/mol

TEST NAME	SPECIFICATION	UNIT
Assay (GC, on anhydrous basis)	≥ 99.9 %	%
Appearance	Clear colorless liquid	
Color (APHA, Pt-Co)	< 10	
Propionitrile(GC)	≤ 0.2 %	%
Residue after evaporation	≤ 0.0002 %	%
Water	≤ 0.01 %	%
Acidity	≤ 0.001 %	%
Alkalinity	≤ 0.0001 %	%
Grad. elution H.Peak at 210 nm	≤ 0.001 AU	AU
Grad. elution H.Peak at 254 nm	≤ 0.0002 AU	AU
Grad. elution drift at 210 nm	≤ 0.012 AU	AU
F254 nm (as Quinine)	≤ 0.00000005 %	%
F365 nm (as Quinine)	≤ 0.00000005 %	%
Transmission (at 195 nm)	≥ 78 %	%
Transmission (at 200 nm)	≥ 95 %	%
Transmission (at 230 nm)	≥ 99 %	%
LC/MS Suitability (ESI+/as Reserpine)	passes test	
LC/MS Suitability (ESI-/as Reserpine)	passes test	
Al (Aluminium)	≤ 0.00005 %	%
Ba (Barium)	≤ 0.00001 %	%
Bi (Bismuth)	≤ 0.00001 %	%
Ca (Calcium)	≤ 0.000005 %	%
Cd (Cadmium)	≤ 0.000005 %	%
Co (Cobalt)	≤ 0.000002 %	%
Cr (Chromium)	≤ 0.000002 %	%
Cu (Copper)	≤ 0.000002 %	%

Quality Management
Isolab Laborgerate GmbH





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TEST NAME	SPECIFICATION	UNIT
Fe (Iron)	≤ 0.000002 %	%
K (Potassium)	≤ 0.000005 %	%
Lithium(Li)	≤ 0.00001 %	%
Mg (Magnesium)	≤ 0.00001 %	%
Mn (Manganese)	≤ 0.000002 %	%
Mo (Molybdenum)	≤ 0.00001 %	%
Na (Sodium)	≤ 0.000005 %	%
Ni (Nickel)	≤ 0.000002 %	%
Ag (Silver)	≤ 0.00001 %	%
Pb (Lead)	≤ 0.000002 %	%
Tin (Sn)	≤ 0.00001 %	%
Strontium (Sr)	≤ 0.00001 %	%
Zinc (Zn)	≤ 0.00001 %	%
Filtered through 0.2 µm filter		

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