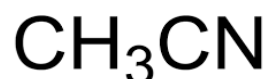


Product Specification

Product Name:

Acetonitrile Semiconductor Grade, *PurElectra*, ≥99.9%

Product No.: PSR50745
Brand: PureSynth
CAS No.: 75-05-8
Molecular Formula: CH₃CN
Molecular Weight: 41.05 g/mol



Test	Specification
Appearance	Colorless liquid
Assay (By GC)	≥ 99.9 %
Water (By KF)	NMT 0.050 %
Residue on evaporation	NMT 0.0005 %
Free Acid (as CH ₃ COOH)	NMT 0.001 %
Aluminium (Al)	NMT 10 ppb
Antimony (Sb)	NMT 10 ppb
Arsenic (As)	NMT 10 ppb
Barium (Ba)	NMT 10 ppb
Beryllium (Be)	NMT 10 ppb
Bismuth (Bi)	NMT 10 ppb
Boron (B)	NMT 10 ppb
Cadmium (Cd)	NMT 10 ppb
Calcium (Ca)	NMT 10 ppb
Chromium (Cr)	NMT 10 ppb
Cobalt (Co)	NMT 10 ppb
Copper (Cu)	NMT 10 ppb
Gallium (Ga)	NMT 10 ppb
Germanium (Ge)	NMT 10 ppb
Gold (Au)	NMT 10 ppb
Indium (In)	NMT 10 ppb
Iron (Fe)	NMT 10 ppb
Lead (Pb)	NMT 10 ppb
Lithium (Li)	NMT 10 ppb
Magnesium (Mg)	NMT 10 ppb
Manganese (Mn)	NMT 10 ppb
Molybdenum (Mo)	NMT 10 ppb
Nickel (Ni)	NMT 10 ppb
Platinum (Pt)	NMT 10 ppb
Potassium (K)	NMT 10 ppb

The information represented here may/may not represent the entire product specification and application recommended by PureSynth Research Chemicals. This information is for the user scientists or trading community as a guide in their applications. The company claims no liability for misuse resulting due to wrong usage of the information above.
For queries on this Specifications, please contact our technical team at technical@pure-synth.com

Silver (Ag)	NMT 10 ppb
Sodium (Na)	NMT 10 ppb
Strontium (Sr)	NMT 10 ppb
Thallium (Tl)	NMT 10 ppb
Tin (Sn)	NMT 10 ppb
Titanium (Ti)	NMT 10 ppb
Vanadium (V)	NMT 10 ppb
Zinc (Zn)	NMT 20 ppb
Zirconium (Zr)	NMT 10 ppb
Identification by IR	Conforms to Structure

Specification: PE-1.0-QA/007

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