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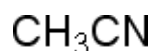
Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
Acetonitrile – electronic grade, 99.999% trace metals basis

Product Number: 733466

CAS Number: 75-05-8



Formula: C₂H₃N

Formula Weight: 41.05 g/mol

TEST	Specification
Appearance (Color)	Colorless
Appearance (Form)	Liquid
Infrared spectrum	Conforms to Structure
Purity (GC)	≥ 99.9 %
Water (by Karl Fischer)	≤ 0.05 %
Residue on Evaporation	≤ 0.0005 %
Free Acid (as Acetic Acid) as Acetic Acid	≤ 0.001 %
Trace Metal Analysis	Pass
Aluminum (Al)	≤ 10 ppb
Antimony (Sb)	≤ 10 ppb
Arsenic (As)	≤ 10 ppb
Barium (Ba)	≤ 10 ppb
Beryllium (Be)	≤ 10 ppb
Bismuth (Bi)	≤ 10 ppb
Boron (B)	≤ 10 ppb
Cadmium (Cd)	≤ 10 ppb
Calcium (Ca)	≤ 10 ppb
Chromium (Cr)	≤ 10 ppb
Cobalt (Co)	≤ 10 ppb
Copper (Cu)	≤ 10 ppb
Gallium (Ga)	≤ 10 ppb
Germanium (Ge)	≤ 10 ppb
Gold (Au)	≤ 10 ppb

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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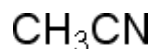
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TEST	Specification
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Indium (In)	≤ 10 ppb
Iron	≤ 10 ppb
Lead (Pb)	≤ 10 ppb
Lithium (Li)	≤ 10 ppb
Magnesium (Mg)	≤ 10 ppb
Manganese (Mn)	≤ 10 ppb
Molybdenum (Mo)	≤ 10 ppb
Nickel (Ni)	≤ 10 ppb
Platinum (Pt)	≤ 10 ppb
Potassium (K)	≤ 10 ppb
Silver (Ag)	≤ 10 ppb
Sodium (Na)	≤ 10 ppb
Strontium (Sr)	≤ 10 ppb
Thallium (Tl)	≤ 10 ppb
Tin (Sn)	≤ 10 ppb
Titanium (Ti)	≤ 10 ppb
Vanadium (V)	≤ 10 ppb
Zinc	≤ 20 ppb
Zirconium (Zr)	≤ 10 ppb

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