

**Catalog Number:** 022927.M1

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**CAS Number:** 75-05-8  
**IUPAC Name:** acetonitrile  
**Molecular Formula:** C<sub>2</sub>H<sub>3</sub>N  
**Molecular Weight:** 41.05  
**InChI Key:** WEVYAHXRMPXWCK-UHFFFAOYSA-N  
**SMILES:** CC#N  
**Synonym:** acetonitrile NCMc MeCN cyanure de methyl acetonitrile, 1-(14)c-labeled usaf EK-488  
 1-(14)c-labeled acetonitrile acetonitrile, 3H-labeled 1-(14)C-labeled acetonitrile  
 3h-labeled acetonitrile

## Product Specification

**Appearance (Color):** Clear colorless  
**Form:** Liquid  
**Optical Absorbance at:** 190 nm: ≤1.00 AU  
**Optical Absorbance at:** 220 nm: ≤0.05 AU  
**Optical Absorbance at:** 235 nm: ≤0.01 AU  
**Optical Absorbance at:** 230 nm: ≤0.02 AU  
**Assay (special):** GC-ECD Responsive Residue (single peak as heptachlorepoxyde): ≤5 ppt  
**Optical Absorbance at:** 210 nm: ≤0.10 AU  
**Water Content:** ≤0.03%  
**Residue on Evaporation:** ≤3 ppm  
**Assay from Supplier's CofA:** ≥99.7%

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**Date Of Print:** 05/17/2024

*Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.*