

Product Name: Acetonitrile, Spectrophotometric Grade, 99.7+%, Thermo Scientific Chemicals

Catalog Number: 032470.K2

CAS Number: 75-05-8
IUPAC Name: acetonitrile
Molecular Formula: C₂H₃N
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

Assay (GC): ≥99.7%
Optical Absorbance at: 193nm: ≥50% transmittance [UK]
Optical Absorbance at: 190nm: ≤1.00 AU [US] / ≥18% transmittance [UK]
Optical Absorbance at: 197nm: ≥80% transmittance [UK]
Optical Absorbance at: 210nm: ≤0.10 AU [US]
Optical Absorbance at: 215nm: ≥95% transmittance [UK]
Optical Absorbance at: 230-400nm: ≥99% transmittance [UK]
Optical Absorbance at: 230nm: ≤0.02 AU [US]
Optical Absorbance at: 235nm: ≤0.01 AU [US]
Residue on Evaporation: ≤3ppm [US] / ≤0.0001% (≤1ppm) [UK]
Optical Absorbance at: 220nm: ≤0.05 AU [US]
Residual water: ≤0.03% [US] / ≤0.005% [UK]

Date Of Print: 05/15/2024

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