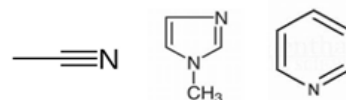


Product Specification

Product Name:

Capping B (Acetonitrile / Pyridine / N-methylimidazole, V / V / V = 50 : 30 : 20) PurOligo

Product No.: PSR48557
Brand: PureSynth
CAS No.: Acetonitrile: 75-05-8
Pyridine: 110-86-1
N-Methylimidazole: 616-47-7
Molecular Formula: Acetonitrile: C₂H₃N
Pyridine: C₅H₅N
N-Methylimidazole: C₄H₆N₂
Molecular Weight: Acetonitrile: 41.053 g/mol
Pyridine: 79.10 g/mol
N-Methylimidazole: 82.10 g/mol



Test	Specification
Appearance	Clear, colorless to slightly yellow solution
Acetonitrile Content (By GC)	49.0 - 51.0 Vol%
Pyridine Content (By GC)	29.0 - 31.0 Vol%
N-Methylimidazole Content (By GC)	19.0 - 21.0 Vol%
Triazine (1,3,5-Trimethylhexahydro1,3,5-triazine) Content (By GC)	≤ 20 ppm
Water Content (By KF)	NMT 50 ppm
Acetonitrile Purity (By GC)	≥ 99.9%
Pyridine Purity (By GC)	≥ 99.5%
N-Methylimidazole Purity (By GC)	≥ 99.0%
Identification (By IR)	Conforms to structure

Application: Capping Reagent for Nucleic Acid Synthesis.

Specification No.: PO-1.0-QA/026

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For queries on this Specifications, please contact our technical team at technical@pure-synth.com