

Product Specification

Product Name:

Capping B (THF / N-methylimidazole / Pyridine, V / V / V = 80 : 10 : 10) PurOligo

Product No.:	PSR48553
Brand:	PureSynth
CAS No.:	Tetrahydrofuran: 109-99-9 N-Methylimidazole: 616-47-7 Pyridine: 110-86-1
Molecular Formula:	Tetrahydrofuran: C ₄ H ₈ O N-Methylimidazole: C ₄ H ₆ N ₂ Pyridine: C ₅ H ₅ N
Molecular Weight:	Tetrahydrofuran: 72.11 g/mol N-Methylimidazole: 82.10 g/mol Pyridine: 79.10 g/mol

Test	Specification
Appearance	Clear Solution
Tetrahydrofuran Content (By GC)	79.0 – 81.0 Vol%
N-methylimidazole Content (By GC)	9.0 – 11.0 Vol%
Pyridine Content (By GC)	9.0 – 11.0 Vol%
Water Content (By KF)	≤ 50 ppm
Refractive index	1.427 - 1.430

Application: Capping Reagent for Nucleic Acid Synthesis.

Specification No.: PO-1.0-QA/022

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