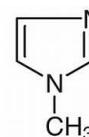
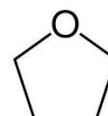


## Product Specification

Product Name:

**Capping B, 16 % NMI in THF**  
**(Tetrahydrofuran / N-methylimidazole, V / V = 84 : 16) PurOligo**

|                    |                                                                                                                     |
|--------------------|---------------------------------------------------------------------------------------------------------------------|
| Product No.:       | PSR48552                                                                                                            |
| Brand:             | PureSynth                                                                                                           |
| CAS No.:           | Tetrahydrofuran: 109-99-9<br>N-methylimidazole: 616-47-7                                                            |
| Molecular Formula: | Tetrahydrofuran: C <sub>4</sub> H <sub>8</sub> O<br>N-methylimidazole: C <sub>4</sub> H <sub>6</sub> N <sub>2</sub> |
| Molecular Weight:  | Tetrahydrofuran: 72.11 g/mol<br>N-methylimidazole: 82.10 g/mol                                                      |



| Test                  | Specification                                    |
|-----------------------|--------------------------------------------------|
| Appearance            | Clear Solution                                   |
| Content               | 16% 1-Methylimidazole, 84% Tetrahydrofuran (v/v) |
| Water Content (By KF) | ≤ 100 ppm                                        |
| Refractive index      | 1.422 - 1.426                                    |

Application: Capping Reagent for Nucleic Acid Synthesis.

Specification No.: PO-1.0-QA/021

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For queries on this Specifications, please contact our technical team at [technical@pure-synth.com](mailto:technical@pure-synth.com)