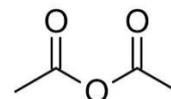
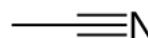


## Product Specification

Product Name:

**Capping B1 (40 % Acetic Anhydride in Acetonitrile) PurOligo**

Product No.: PSR48554  
Brand: PureSynth  
CAS No.: Acetonitrile: 75-05-8  
Acetic anhydride: 108-24-7  
Molecular Formula: Acetonitrile: C<sub>2</sub>H<sub>3</sub>N  
Acetic anhydride: C<sub>4</sub>H<sub>6</sub>O<sub>3</sub>  
Molecular Weight: Acetonitrile: 41.053 g/mol  
Acetic anhydride: 102.09 g/mol



| Test                             | Specification    |
|----------------------------------|------------------|
| Appearance                       | Clear Solution   |
| Acetonitrile Content (By GC)     | 57.0 – 64.0 Vol% |
| Acetic anhydride Content (By GC) | 37.0 – 44.0 Vol% |
| Water Content (By KF)            | ≤ 30 ppm         |
| Refractive index                 | 1.362 – 1.364    |

Application: Capping Reagent for Nucleic Acid Synthesis.

Specification No.: PO-1.0-QA/023

The information represented here may/may not represent the entire product specification and application recommended by PureSynth Research Chemicals. This information is for the user scientists or trading community as a guide in their applications. The company claims no liability for misuse resulting due to wrong usage of the information above.  
For queries on this Specifications, please contact our technical team at [technical@pure-synth.com](mailto:technical@pure-synth.com)