

Certificate of Analysis

Product Name:

Capping B (Acetonitrile/2,6-Lutidine/Acetic anhydride, V/V/ V = 50:30:20) PurOligo

Product No.: PSR50319
Lot No.: Sample COA
Brand: PureSynth
CAS No.: Acetonitrile: 75-05-8
2,6-Lutidine: 108-48-5
Acetic Anhydride: 108-24-7
Molecular Formula: Acetonitrile: C₂H₃N
2,6-Lutidine: C₇H₉N
Acetic Anhydride: C₄H₆O₃
Molecular Weight: Acetonitrile: 41.053 g/mol
2,6-Lutidine: 107.15 g/mol
Acetic Anhydride: 102.09 g/mol
Date of Mfg.: NA
Date of Exp.: NA

Test	Specification	Result
Appearance	Clear Solution	Clear Solution
Acetonitrile Purity (By GC)	≥ 99.9 %	99.95 %
2,6-Lutidine Purity (By GC)	≥ 98.5 %	99.13 %
Acetic Anhydride Purity (By GC)	≥ 99.0 %	99.45 %
Water Content (By KF)	≤ 50 ppm	42.12 ppm
Refractive index	1.419 – 1.425	1.420

Application: Capping Reagent for Nucleic Acid Synthesis.

Remarks:

This is to certify that the mentioned batch has been analysed at the time of quality release and has been found to be in compliance with prescribed specifications

The current Specification sheet may be available at www.pure-synth.com

Inspect on receipt

Storage Condition:

Store at a room temperature and keep the container tightly closed.

PureSynth Research Chemicals GmbH

This is electronically-generated copy & is valid without a signature

The Certificate of Analysis (COA) is valid only for the lot specified and within the product's shelf life. Retesting is recommended after the expiry date or if storage conditions are compromised. We guarantee a proper quality within our General Conditions of Sales. The conditions are subject to change without prior notice.

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