

Certificate of Analysis

Product Name:

Capping A, 10% Acetic Anhydride in THF (Tetrahydrofuran/Acetic Anhydride, V/V = 90:10)
PurOligo

Product No.: PSR48547
Lot No.: Sample COA
Brand: PureSynth
CAS No.: Tetrahydrofuran: 109-99-9
Acetic anhydride: 108-24-7
Molecular Formula: Tetrahydrofuran: C₄H₈O
Acetic anhydride: C₄H₆O₃
Molecular Weight: Tetrahydrofuran: 72.11 g/mol
Acetic anhydride:
102.09 g/mol
Date of Mfg.: NA
Date of Exp.: NA

Test	Specification	Result
Appearance	Colorless Liquid	Colorless Liquid
Water Content (By KF)	NMT 150 ppm	112 ppm
Acetic Anhydride Content (v/v)	9.0 - 11.0 %	10.6 %
Tetrahydrofuran Content (v/v)	89.0 - 91.0 %	90.2 %
Tetrahydrofuran Purity	> 99.9 %	99.95 %
Acetic Anhydride Purity	> 99.5 %	99/74 %

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