

Certificate of Analysis

Product Name:

0.25 M DCI Solution (4,5-Dicyanoimidazole in Anhydrous Acetonitrile) *PurOligo*

Product No.: PSR48544
Lot No.: Sample COA
Brand: PureSynth
CAS No.: 4,5-Dicyanoimidazole: 1122-28-7
Acetonitrile: 75-05-8
Molecular Formula: 4,5-Dicyanoimidazole: C₅H₂N₄
Acetonitrile: C₂H₃N
Molecular Weight: 4,5-Dicyanoimidazole: 118.10 g/mol
Acetonitrile: 41.05 g/mol
Date of Mfg.: NA
Date of Exp.: NA

Test	Specification	Result
Appearance	Clear Solution	Clear Solution
DCI Content (By HPLC)	0.25 - 0.27 mol/L	0.26 mol/L
Water Content (By KF)	NMT 30 ppm	23.5 ppm

Application: Activation / Coupling Reagent for Nucleic Acid Synthesis. *In some cases, a slight haze may appear. To the best of our current knowledge, this does not impact the performance of the product.

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