

Certificate of Analysis

Product Name:

5% Dichloroacetic Acid in Toluene PurOligo

Product No.: PSR48535
Lot No.: Sample COA
Brand: PureSynth
CAS No.: Dichloroacetic acid: 79-43-6
Toluene: 108-88-3
Molecular Formula: Dichloroacetic acid: C₂H₂Cl₂O₂
Toluene: C₇H₈
Molecular Weight: Dichloroacetic acid: 128.94 g/mol
Toluene: 92.14 g/mol
Date of Mfg.: NA
Date of Exp.: NA

Test	Specification	Result
Appearance	Clear Solution	Clear Solution
Dichloroacetic acid Content (By Titration)	4.5 - 5.5 Vol%	4.8 Vol%
Chloral Hydrate Content (By GC)	≤ 10 ppm	8 ppm
Water Content (By KF)	NMT 150 ppm	100 ppm
Refractive Index	1.494 – 1.496	1.495
Toluene Purity (By GC)	≥ 99.6%	99.78%
Dichloroacetic acid Purity	≥ 99.0%	99.34%
Benzene Content (By GC)	≤ 500 ppm	355 ppm

Application: Detritylation / Deblocking 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