

CERTIFICATE OF ANALYSIS

dm⁴CTP

2'-deoxy-N⁴-methylcytidine 5'-triphosphate, sodium salt

#R0421 1 μmol

Lot:

Concentration: 10mM

Volume: 0.1ml

Formula: C₁₀H₁₅N₃O₁₃P₃Na₃

Molecular Weight: 547.1 (481.1)

Store at -20°C

Description

2'-deoxy-N⁴-methylcytidine-5'-triphosphate was chemically synthesized from 2-deoxyuridine.

General characteristics


$\lambda_{\max} = 273.7\text{nm}$,

$\epsilon = 13.6 \times 10^3$ (pH 7.0, 20mM potassium phosphate)

QUALITY CONTROL ASSAY DATA

Molecular Biology Grade

- Functionally tested in PCR with *Taq* DNA Polymerase.
- Purity of >96% by HPLC.

Quality authorized by:  Jurgita Zilinskiene

The Polymerase Chain Reaction (PCR) process is covered by U.S. patents owned by Hoffman-La Roche.

PRODUCT USE LIMITATION.

This product is developed, designed and sold exclusively for research purposes and in vitro use only. The product was not tested for use in diagnostics or for drug development, nor is it suitable for administration to humans or animals.

Please refer to www.fermentas.com for Material Safety Data Sheet of the product.