



SMOBio[®]

Small Bio, Smart Tool

www.smobio.com

Product Information

SMOChem™ Series

dCTP Solution - Sodium Salt

CD5000	100 mM	25 ml
CD5001	100 mM	100 ml
CD5002	100 mM	5 ml
CD5003	100 mM	1 ml

Storage

-20°C for 36 months

Features

- Ideal for PCR amplification and cDNA synthesis
- Nuclease and ribonuclease free

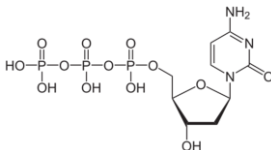
Applications

- PCR
- RT-PCR

Description

Ultrapure dCTP supplied as sodium salt in purified water (pH 8.5).

Structural formula



Quality Control

Method	Specification	Result
Purity assay (HPLC)	≥ 99%	Pass
Nuclease activity	Not detectable	Pass
Ribonuclease activity	Not detectable	Pass
Protease activity	Not detectable	Pass
Nicking activity	Not detectable	Pass
Functional assay (PCR)	Amplify 665 bp and 20 kb amplicons	Pass
Functional assay (RT-PCR)	Synthesize cDNA	Pass

The latest version of the manual can be downloaded from www.smobio.com/shop.

For research only

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