



Product Insert

100mM dCTP

Research Use Only

Product:

Deoxycytidine 5' Triphosphate

Catalogue No.:

BIO-39038 1 x 25µmol

Description:

A 100mM solution at pH 7.0 containing 25µmol (250µl) of the dCTP.

Purity

Bioline dNTP's are >99% pure by HPLC and are free of DNase, RNase, Protease, phosphatase and nicking activity

Storage and stability:

dCTP can be stored for 12 months at -20°C or -70°C in a constant temperature freezer. Avoid multiple freezing and thawing. For long-term usage, aliquoting is recommended.

Batch details:

Pack Size: 25 µmol
Concentration: 100mM
Presentation: 1 x 250 µl
Batch No: See vial

Typical Analysis:

Lithium salt, >99% deoxycytidine triphosphate (HPLC, area %), <1% deoxynucleoside monophosphates and deoxynucleoside diphosphates.

dCTP Characteristics:**Molecular Weight**

511.1

Molar Extinction

1µmol = 9,6 A₂₇₂units

Application:

For direct use in DNA sequencing, PCR, labelling and *in vitro* DNA synthesis

Note: The PCR process is covered by patents issued and applicable in certain countries.

This certificate is a declaration of analysis at the time of manufacture