



Product Insert

100mM dGTP

Research Use Only

Product:

Deoxyguanosine 5' Triphosphate

Catalogue No. :

BIO-39037 1 x 25µmol

Description:

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

Purity

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

Storage and stability:

dGTP 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% deoxyguanosine triphosphate (HPLC, area %), <1% deoxynucleoside monophosphates and deoxynucleoside diphosphates .

dGTP Characteristics:

Molecular Weight	Molar Extinction
533.2	1 µmol = 13,7 A ₂₅₂ units

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