

# CERTIFICATE OF ANALYSIS

**Product Name:** dNTPs, 2.5 & 10 mM  
**Cat. No.:** NT0025, NT0100

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## **Purity assay:**

HPLC analysis > 99%

NMR analysis (inorganic phosphates) – passed

Exo-endo deoxyribonucleases test – passed

UV analysis – passed

Spectrophotometry – passed

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## **Description:**

The deoxynucleotides, PCR grade are suitable for many application where high Quality reagents are required. Such procedures include RT, PCR, RT-PCR, DNA labeling reaction and sequencing/ cycle sequencing analysis.

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## **Functional assays:**

production of 8 kb PCR fragment from genomic DNA with Taq DNA polymerase - passed

production of 0.6 kb PCR fragment from genomic DNA with Pfu DNA polymerase -passed

**Storage:** store at  $-20^{\circ}\text{C}$