

Certificate of Analysis

Product Name: dATP dGTP dCTP dTTP, 100 mM Solution

Catalog No.: K6011101 K6011102 K6011103 K6011104 **Lot No.:** _____

Shipping Condition: Dry Ice

Storage Condition: -20°C

Shelf Life: One year from the date of receipt under proper storage condition

Description

dATP, 100 mM

dATP, (2'-deoxyadenosine 5'-triphosphate, sodium salt) F.W. 609
100 mM in sterile, deionized water pH 7.0

dCTP, 100 mM

dCTP, (2'-deoxycytidine 5'-triphosphate, sodium salt) F.W. 569
100 mM in sterile, deionized water pH 7.0

dGTP, 100 mM

dGTP, (2'-deoxyguanosine 5'-triphosphate, sodium salt) F.W. 609
100 mM in sterile, deionized water pH 7.0

dTTP, 100 mM

dTTP, (2'-deoxythymidine 5'-triphosphate, sodium salt) F.W. 584
100 mM in sterile, deionized water pH 7.0

Quality Control

1. The concentration is verified by optical density spectrophotometry.
2. This preparation is free of DNase contamination as determined by incubation of 4 dNTPs with radioactive substrates.
3. This preparation is free of RNase contamination as determined by incubation of 4 dNTPs with radioactive substrates.
4. The purity of this preparation is determined by HPLC. The minimum passing specification for the triphosphate content is 99.5%.
5. This lot of dATP has been performance tested with *Taq* DNA Polymerase.

Components:

1. 100 µl 400 µl of dNTP.
2. Certificate of Analysis.

FOR IN VITRO RESEARCH USE ONLY

APPROVED BY: _____
