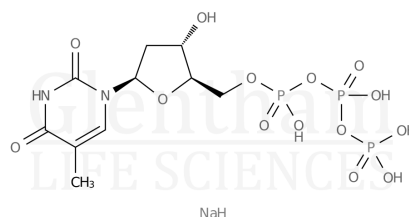


## Certificate of Analysis

Product Name 2"-Deoxythymidine 5"-triphosphate  
trisodium salt (dTTP); 100mM solution  
Glentham Code GE2816  
CAS Number 18423-43-3  
MDL Number MFCD00080338  
Additional CAS 3624-46-2  
Batch Number 567FIY

Molecular Weight 548.11  
Molecular Formula  $C_{10}H_{14}N_2Na_3O_{14}P_3$   
Storage Temp. -20°C



| Property   | Specification                       | Batch 567FIY             |
|--|-------------------------------------|--------------------------|
| Physical Description                                 | Clear, colourless liquid            | Clear, colourless liquid |
| Concentration  | 95 - 105 mmol/L (spectrophotometry) | 101 mmol/L               |
| Purity (HPLC)  | ≥ 99.0% (triphosphate content)      | 99.8%                    |
| pH   | 6.9 - 7.1 (20 - 25 °C)              | 7.1                      |
| Wavelength of Maximum Absorption ( $\lambda_{max}$ ) | 265 - 269 nm                        | 267 nm                   |
| DNase  | Not detected                        | Conforms                 |
| RNase  | Not detected                        | Conforms                 |
| Suitability for PCR                                  | To pass test                        | Conforms                 |

Specification Version v1.0  
Manufacture Date 2020-10-19  
Re-Test Date 2027-10-06

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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