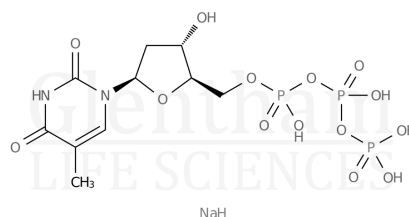


Certificate of Analysis

Product Name	2"-Deoxythymidine 5"-triphosphate trisodium salt (dTTP); 100mM solution
Glentham Code	GE2816
CAS Number	18423-43-3
MDL-Nummer	MFCD00080338
Zusätzliche 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 (λ_{max})	265 - 269 nm	267 nm
DNase	Not detected	Entspricht
RNase	Not detected	Entspricht
Suitability for PCR	To pass test	Entspricht

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 or contact us using the details above for the current version of this document.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025