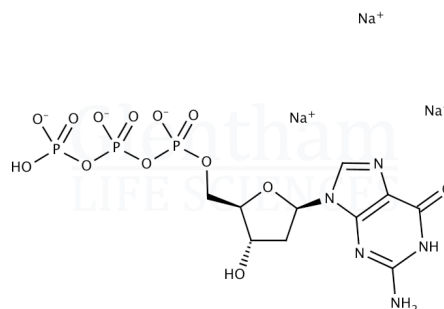


Product Specification

Product Name	2"-Deoxyguanosine-5"-triphosphate trisodium salt (dGTP); 100mM solution
Glentham Code	GE5491
CAS Number	93919-41-6
EINECS	300-026-5

Molecular Weight	573.13
Molecular Formula	$C_{10}H_{13}N_5Na_3O_{13}P_3$
Storage Temp.	-20°C



Property	Specification
Physical Description	Clear, colourless liquid
Concentration	95 - 105 mmol/L (spectrophotometry)
Purity (HPLC)	≥ 99.0% (triphosphate content)
pH	6.9 - 7.1 (20 - 25 °C)
Wavelength of Maximum Absorption (λ_{max})	251 - 255 nm
DNase	Not detected
RNase	Not detected
Suitability for PCR	To pass test

Specification Version	- v1.0
Date Created	- 2020-05-13

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.

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