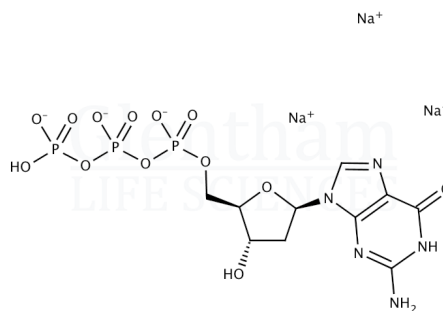


## Product Specification

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 ( $\lambda_{max}$ )	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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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