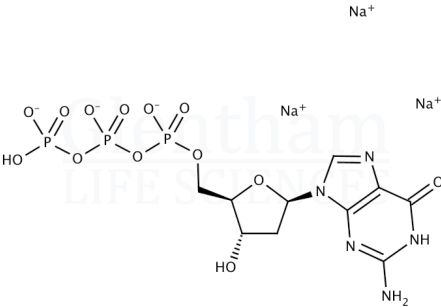


Certificate of Analysis

Product Name	2"-Deoxyguanosine-5"-triphosphate trisodium salt (dGTP); 100mM solution
Glenthams Code	GE5491
CAS Number	93919-41-6
EINECS	300-026-5
Batch Number	727NIB
Molecular Weight	573.13
Molecular Formula	C ₁₀ H ₁₃ N ₅ Na ₃ O ₁₃ P ₃
Storage Temp.	-20°C



Property	Specification	Batch 727NIB
Physical Description	Clear, colourless liquid	Clear, colourless liquid
Concentration	95 - 105 mmol/L (spectrophotometry)	97 mmol/L
Purity (HPLC)	≥ 99.0% (triphosphate content)	99.5%
pH	6.9 - 7.1 (20 - 25 °C)	7.1
Wavelength of Maximum Absorption (λmax)	251 - 255 nm	253 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

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glenthams.com or contact us using the details above for the current version of this document.

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