

Glentham Life Sciences Ltd Unit 5 Leafield Way Corsham SN13 9SW United Kingdom

t: +44 (0) 1225 667 798 f: +44 (0) 2033 978 909 e: info@glentham.com w: www.glentham.com

## **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 (spectophotometry) Purity (HPLC) ≥ 99.0% (triphosphate content) 6.9 - 7.1 (20 - 25 °C) Wavelength of Maximum Absorption (λmax) 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.

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

Page 1 of 1 Printed: 2025-05-04 19:15:36