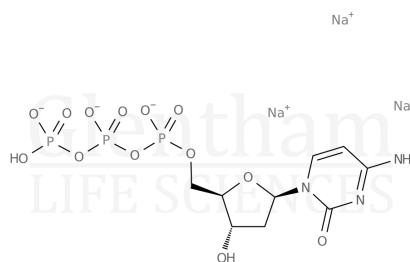


## Product Specification

Product Name	2"-Deoxycytidine-5"-triphosphate trisodium salt (dCTP); 100mM solution
Glentham Code	GE9221
CAS Number	109909-44-6
Additional CAS	102783-51-7 ( $\cdot 2\text{Na}$ )

Molecular Weight	533.10
Molecular Formula	$\text{C}_9\text{H}_{13}\text{N}_3\text{Na}_3\text{O}_{13}\text{P}_3$
Storage Temp.	-20°C



Property	Specification
Physical Description	Clear, colourless liquid
Concentration	95 - 105 mmol/L (spectrophotometry)
Purity (HPLC)	$\geq 99.0\%$ (triphosphate content)
pH	6.9 - 7.1 (20 - 25 °C)
Wavelength of Maximum Absorption ( $\lambda_{\text{max}}$ )	270 - 274 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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