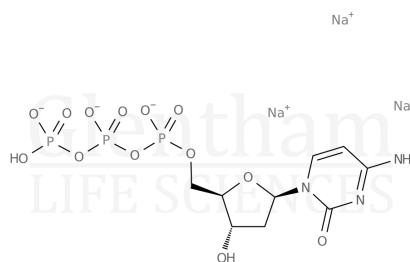


Product Specification

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 (λ_{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 or contact us using the details above for the current version of this document.

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