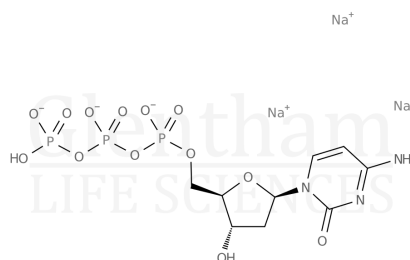


Certificate of Analysis

Product Name	2"-Deoxycytidine-5"-triphosphate trisodium salt (dCTP); 100mM solution
Glentham Code	GE9221
CAS Number	109909-44-6
Zusätzliche CAS	102783-51-7 (·2Na)
Batch Number	387MFF
Molecular Weight	533.10
Molecular Formula	$C_9H_{13}N_3Na_3O_{13}P_3$
Storage Temp.	-20°C



Property	Specification	Batch 387MFF
Physical Description	Clear, colourless liquid	Clear, colourless liquid
Concentration	95 - 105 mmol/L (spectrophotometry)	102 mmol/L
Purity (HPLC)	≥ 99.0% (triphosphate content)	99.6%
pH	6.9 - 7.1 (20 - 25 °C)	7.1
Wavelength of Maximum Absorption (λ _{max})	270 - 274 nm	271 nm
DNase	Not detected	Entspricht
RNase	Not detected	Entspricht
Suitability for PCR	To pass test	Entspricht

Specification Version	v1.0
Manufacture Date	2020-10-19
Re-Test Date	2027-10-06

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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