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Certificate of Analysis

Catalogue Number	37446
Lot Number	001237-32371
Product	2'-Deoxycytidine-5'-triphosphate, 100mM dCTP, 100mM sodium salt solution
CAS Number	109909-44-6 , 102783-51-7
Molecular Formula	C ₉ H ₁₃ N ₃ Na ₃ O ₁₃ P ₃
Molecular Weight	533.1

Appearance	Clear colorless solution
Concentration	100 mM
pH	7.1
UV Ratios	$\lambda_{\max} = 271 \text{ nm}$ Absorbance ratio : $A_{250/260} = 0.80 \text{ (pH 7)}$ $A_{280/260} = 0.98 \text{ (pH 7)}$
Purity by HPLC	99.9%
Grade	Molecular Biology Grade
Storage	Store at $\leq -20^{\circ}\text{C}$. Shipped in dry ice.
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager