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Certificate of Analysis

Catalogue Number	37448
Lot Number	001237-32341
Product	2'-Deoxythymidine-5'-triphosphate, 100mM dTTP, 100mM sodium salt solution
CAS Number	18423-43-3
Molecular Formula	C ₁₀ H ₁₄ N ₂ Na ₃ O ₁₄ P ₃
Molecular Weight	548.1

Appearance	Clear colorless solution
Concentration	100 mM
pH	7.1
UV Ratios	$\lambda_{\max} = 267 \text{ nm}$ Absorbance ratio : $A_{250/260} = 0.63 \text{ (pH 7.0)}$ $A_{280/260} = 0.74 \text{ (pH 7.0)}$
Purity by HPLC	99.9%
Grade	Molecular Biology Grade
Storage	Store at $\leq -20 \text{ }^\circ\text{C}$. Shipped in dry ice.
Country of Origin	China
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