



CERTIFICATE OF ANALYSIS

Product	2'-Deoxycytidine-5'-Triphosphate, sodium salt
Grade	Biotech
Product Code	DD0046C
Formula	$C_9H_{14}N_3O_{13}P_3Na_2$
MW	511.12
CAS#	102783-51-7
Lot No	

Test Items	Specifications	Results
Appearance	White Powder	
Solubility (50mg/ml, water)	Clear colorless solution	
Purity (HPLC area%)	Approx. 98%	
UV content (on dry basis)	$\geq 97\%$ (EMM=8.8 to 9.4 at lambda max 270 to 272nm at pH 7.0)	
Water content (K.F.)	$\leq 10.0\%$	
Absorbance Ratios (pH 7.0)	A250/A260 0.79~0.85 A280/A260 0.93~1.03	

Storage: -70°C is the best storage condition;
-20°C is for short-term storage only.