



CERTIFICATE OF ANALYSIS

Product	2'-Deoxycytidine 5'-monophosphate free acid (dCMP)
Grade	High Purity
Product Code	DB0361
Formula	$C_9H_{14}N_3O_7P$
MW	307.2
CAS#	1032-65-1
Lot No	

Test Items	Specifications	Results
Appearance	White powder	
Solubility (50mg/ml in 1N NH_4OH)	Clear colorless solution	
Purity (HPLC)	$\geq 99.0\%$	
UV content (on dry basis)	96-104%	
Water Content (K.F.)	$\leq 11.0\%$	
Ratio of Absorbance (pH 7)	A250/A260: 0.80 - 0.84 A280/A260: 0.96 - 1.00	

Storage: -20°C