



CERTIFICATE OF ANALYSIS

Product	Cytidine 5'-diphosphate (CDP) sodium salt hydrate
Grade	High Purity
Product Code	CB0353
Formula	$C_9H_{12}N_3Na_3O_{11}P_2 \cdot xH_2O$
MW	469.18 (anhydrous basis)
CAS#	34393-59-4
Lot No	

Test Items	Specifications	Results
Appearance	White to off-white powder	
Solubility	Clear colorless solution in 50mg/ml water	
Purity (HPLC area %)	≥98%	
UV Content (on dry basis)	≥98%	
Water Content (K.F.)	≤13.0%	
Ratio of Absorbance (pH 7.0)	A250/A260 0.79 ~ 0.89 A280/A260 0.92 ~ 1.02	

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