

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: Cytidine 5'-triphosphate disodium salt(CTP),95%

ITEM NUMBER: C101487  
BRAND: Aladdin  
CAS NUMBER: 36051-68-0  
MDL NUMBER: MFCD00078193  
FORMULA: C<sub>9</sub>H<sub>14</sub>N<sub>3</sub>Na<sub>2</sub>O<sub>14</sub>P<sub>3</sub>  
MOLECULAR WEIGHT: 527.12

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	White powder		
Infrared spectrum	Conforms to Structure		
Purity(HPLC)	95 %	100 %	100 %
solubility in water	colorless and clear (50mg/ml)		
Solvent content (GC)	0 %	4 %	4 %
UV-VIS SPECTRUM *	8.7	9.5	9.5
Water by Karl Fischer	0 %	12 %	12 %