

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Cytidine 5'-monophosphate,98%

ITEM NUMBER: C100916
BRAND: Aladdin
CAS NUMBER: 63-37-6
MDL NUMBER: MFCD00006544
FORMULA: C9H14N3O8P
MOLECULAR WEIGHT: 323.20

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
2'-Deoxycytidine-5'-monophosphoric acid	0 %	1 %	1 %
Appearance	White Powder or Crystals		
Assay	97 %	101 %	101 %
Cytidine	0 %	0.2 %	0.2 %
Heavy metals (as Pb)	0 ppm	10 ppm	10 ppm
Infrared spectrum	Conforms to Structure		
Loss on drying	0 %	3 %	3 %
Purity(HPLC)	98 %	100 %	100 %
Ratio of Absorbances	0.4	0.5	0.5
solvent residues	0	0	0