

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-09-26 16:05:12
Date of Next Testing:	2028-09-25 16:05:12
Product Name:	Cytidine 5'-monophosphate
CAS Number:	63-37-6
Specifications & Purity:	99%
Lot #:	L2001136
SKU #	C101008
Version	0
Analysis #:	407910
Storage Temperature:	Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=1 in 0.5mol/L Na ₂ HPO ₄ sol.)	9-10.5 (°)	9.39°
Heavy metal (as Pb)	0-10 (ppm)	1.00 ppm
Phosphorus(anhydrous)	9-9.8 (%)	9.10 %
Loss on drying	0-3 (%)	1.00 %
Purity(HPLC)	98-100 (%)	98.21000 %
Appearance (C101008)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Solubility in 1 M NH ₄ OH , Colorless,Clear,50 mg/ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager