

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-09-11 16:34:13  
Date of Next Testing: 2028-09-10 16:34:13  
Product Name: **Cytidine 5'-monophosphate**  
CAS Number: 63-37-6  
Specifications & Purity: 99%  
Lot #: L2001137  
SKU #: **C101008**  
Version: **0**  
Analysis #: **407477**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation [α] <sub>20</sub> /D(c=1 in 0.5mol/L Na <sub>2</sub> HPO <sub>4</sub> sol.)	9-10.5 (°)	9.64°
Purity(HPLC)	98-100 (%)	100.00000 %
Heavy metal (as Pb)	0-10 (ppm)	1.00 ppm
Phosphorus(anhydrous)	9-9.8 (%)	9.10 %
Loss on drying	0-3 (%)	1.27 %
Appearance (C101008)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Solubility in 1 M NH <sub>4</sub> OH , Colorless, Clear, 50 mg/ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager