

## Certificate of Analysis

Date of Testing: 2024-08-16 10:58:09  
Date of Next Testing: 2028-08-15 10:58:09  
Product Name: **Cytidine 5'-monophosphate**  
CAS Number: 63-37-6  
Specifications & Purity: 98%  
Lot #: H2408282  
SKU #: **C100916**  
Version: **0**  
Analysis #: **338543**  
Storage Temperature: Store at 2-8°C, Argon charged

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 (°)	9.04°
Loss on drying	0-3 (%)	2.33 %
Purity(HPLC)	98-100 (%)	98.95000 %
Heavy metal (as Pb)	0-10 (ppm)	9.00 ppm
Appearance (C100916)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in hot H <sub>2</sub> O	almost transparency	almost transparency



John Su  
QA & QC Manager