

Certificate of Analysis

Date of Testing: 2022-01-27 16:12:07
Date of Next Testing: 2026-01-26 16:12:07
Product Name: **Cytidine 5'-monophosphate**
CAS Number: 63-37-6
Specifications & Purity: 99%
Lot #: C1812029
SKU #: **C101008**
Analysis: 070821
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation [a] _D 20/D(c=1 in 0.5mol/L Na ₂ HPO ₄ sol.)	9-10.5 (°)	9.91°
Purity(HPLC)	98-100 (%)	99.73800 %
Heavy metal (as Pb)	0-10 (ppm)	0.00 ppm
Phosphorus(anhydrous)	9-9.8 (%)	9.70 %
Loss on drying	0-3 (%)	0.00 %
Appearance (C101008)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1 M NH ₄ OH , Colorless, Clear, 50 mg/ml	pass	Pass



John Su
QA & QC Manager