

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Cytidine 5'-monophosphate**
Specifications & Purity: **99%**
SKU #: **C101008**

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