

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-04 09:13:57
 Date of Next Testing: 2029-09-03 09:13:57
 Product Name: **Cytidine 5'-monophosphate(5'-CMP)**
 CAS Number: 63-37-6
 Specifications & Purity: $\geq 98\%$
 Lot #: I2502243
 SKU #: **C100916**
 Version: **0**
 Analysis #: **561942**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Loss on drying	0-3 (%)	0.00000 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in } 0.5\text{mol/L Na}_2\text{HPO}_4 \text{ sol.})$	9-10.5 (°)	9.99100 °
Purity(HPLC)	98-100 (%)	100.00000 %
Heavy metal (as Pb)	0-10 (ppm)	0.00000 ppm
Appearance (C100916)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Solubility in hot H ₂ O	almost transparency	almost transparency
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager