

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-07 15:00:32
Date of Next Testing: 2026-07-06 15:00:32
Product Name: **2'-Deoxycytidine 5'-monophosphate**
CAS Number: 1032-65-1
Specifications & Purity: 99%
Lot #: G2205095
SKU #: **D119528**
Analysis: 093981
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] _{20/D} (calcd.on anh.substance)(c=1 in H ₂ O)	35-43 (°)	37.92°
Purity(HPLC)	99-100 (%)	99.58600%
Water by Karl Fischer	0-6 (%)	5.99%
Appearance (D119528)	White Powder or Crystals	White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility, Colorless Clear, 50 mg/ml in 1 M NH ₄ OH	pass	Pass



John Su
QA & QC Manager