

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-03-30 09:44:49  
Date of Next Testing: 2026-03-29 09:44:49  
Product Name: **2'-Deoxycytidine 5'-monophosphate**  
CAS Number: 1032-65-1  
Specifications & Purity: 99%  
Lot #: C2222320  
SKU #: **D119528**  
**Analysis: 067950**  
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] <sub>20/D</sub> (calcd.on anh.substance)(c=1 in H <sub>2</sub> O)	35-43 (°)	38.03°
Purity(HPLC)	99-100 (%)	99.85500%
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 <sub>4</sub> OH	pass	Pass



John Su  
QA & QC Manager