

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-19 16:45:10

Date of Next Testing: 2029-09-18 16:45:10

Product Name: **2'-Deoxycytidine 5'-monophosphate**

CAS Number: 1032-65-1

Specifications & Purity: $\geq 99\%$

Lot #: I2509055

SKU # **D119528**

Version **0**

Analysis #: **067950**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}$ (calcd. on anhyd. substance) (c=1 in H ₂ O)	35-43 (°)	38.02700°
Purity (HPLC)	99-100 (%)	99.85500%
Water by Karl Fischer	0-6 (%)	5.99000%
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