

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-13 11:08:56
Date of Next Testing: 2027-07-12 11:08:56
Product Name: **2'-Deoxycytidine 5'-monophosphate**
CAS Number: 1032-65-1
Specifications & Purity: 99%
Lot #: G2305155
SKU #: **D119528**
Analysis: 067950
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 (°)	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 ₄ OH	pass	Pass



John Su
QA & QC Manager