

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-09-26 17:19:41  
 Date of Next Testing: 2026-09-25 17:19:41  
 Product Name: **Adenosine 3',5'-cyclic monophosphate**  
 CAS Number: 60-92-4  
 Specifications & Purity: 99%  
 Lot #: I2220187  
 SKU #: **C107047**  
**Analysis:** **115317**  
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-10 (ppm)	6.05 ppm
Water by Karl Fischer	0-12 (%)	1.21 %
Purity(HPLC)	99-100 (%)	99.69400 %
Specific Rotation [α] <sub>20</sub> /D(c=0.7 in H <sub>2</sub> O)	-52--48 (°)	-51.67 °
Appearance (C107047)	White Powder or Crystals	White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , colorless solution , 10 mg/ml in water	pass	Pass



John Su  
QA & QC Manager