

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-26 17:11:48
 Date of Next Testing: 2026-09-25 17:11:48
 Product Name: **Adenosine 3',5'-cyclic monophosphate**
 CAS Number: 60-92-4
 Specifications & Purity: 99%
 Lot #: I2220186
 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] ₂₀ /D(c=0.7 in H ₂ 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 ₂ O , colorless solution , 10 mg/ml in water | pass | Pass |



John Su
QA & QC Manager