

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-10-18 14:01:57  
 Date of Next Testing: 2028-10-17 14:01:57  
 Product Name: **Adenosine 5'-monophosphate monohydrate**  
 CAS Number: 18422-05-4  
 Specifications & Purity: ≥97%, from yeast  
 Lot #: J2416626  
 SKU #: **A111884**  
 Version: **1**  
 Analysis #: **408559**  
 Storage Temperature: Store at -20°C

| Parameter                                                    | Limit Values    | Result       |
|--------------------------------------------------------------|-----------------|--------------|
| Purity(HPLC)                                                 | 97-100 (%)      | 97.34500 %   |
| Specific Rotation [α] <sub>20/D</sub> (c=2 in 2% NaOH)       | -49.5--47.5 (°) | -47.51000 °  |
| Water by Karl Fischer                                        | 3.5-6.2 (%)     | 6.20000 %    |
| Appearance (A111884)                                         | white powder    | White powder |
| Solubility, Colorless, Clear 50 mg/mL, 1M NH <sub>4</sub> OH | pass            | Pass         |
| LC-MS for identification                                     | Conforms        | Conforms     |



John Su  
QA & QC Manager