

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-10-07 14:06:20  
 Date of Next Testing: 2027-10-06 14:06:20  
 Product Name: **Adenosine 5'-monophosphate sodium salt**  
 CAS Number: 149022-20-8  
 Specifications & Purity:  $\geq 99\%$   
 Lot #: A2009118  
 SKU #: **A101408**  
 Version: **0**  
 Analysis #: **281809**  
 Storage Temperature: Store at -20°C

| Parameter                                                                             | Limit Values               | Result                     |
|---------------------------------------------------------------------------------------|----------------------------|----------------------------|
| Purity(HPLC)                                                                          | 99-100 (%)                 | 99.47320 %                 |
| Sodium (Na)(anhydrous)                                                                | 6-8 (%)                    | 7.16000 %                  |
| Water by Karl Fischer                                                                 | 0-26 (%)                   | 17.12600 %                 |
| Appearance (A101408)                                                                  | white powder and/or chunks | white powder and/or chunks |
| Carbon NMR Spectrum                                                                   | Conforms to Structure      | Conforms to Structure      |
| Infrared spectrum                                                                     | Conforms to Structure      | Conforms to Structure      |
| Solubility in H <sub>2</sub> O , Clear to Slightly Hazy (100 mg/ml, H <sub>2</sub> O) | pass                       | Pass                       |



John Su  
QA & QC Manager