

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-10-15 14:05:19  
 Date of Next Testing: 2029-10-14 14:05:19  
 Product Name: **5'-AMP-Na2**  
 CAS Number: 4578-31-8  
 Specifications & Purity: Moligand™, ≥99%  
 Lot #: A2203212  
 SKU #: **A100357**  
 Version: **1**  
 Analysis #: **587549**  
 Storage Temperature: Store at -20°C, Argon charged

| Parameter                                                                                        | Limit Values             | Result                   |
|--------------------------------------------------------------------------------------------------|--------------------------|--------------------------|
| Specific Rotation [α] <sub>20/D</sub> (c=1 in 0.5M Na <sub>2</sub> HPO <sub>4</sub> in dry base) | -45--41 (°)              | -41.23°                  |
| Water by Karl Fischer                                                                            | 0-26 (%)                 | 18.17 %                  |
| Purity(HPLC)                                                                                     | 99-100 (%)               | 99.18000 %               |
| Appearance (A100357)                                                                             | white crystalline powder | white crystalline powder |
| Proton NMR spectrum                                                                              | Conforms to structure    | Conforms to Structure    |
| LC-MS for identification                                                                         | Conforms                 | Conforms                 |



John Su  
QA & QC Manager