

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-18 15:51:16  
Date of Next Testing: 2027-12-18 15:51:16  
Product Name: **5'-Adenylic Acid**  
CAS Number: 61-19-8  
Specifications & Purity: Moligand™, ≥98%(HPLC)  
Lot #: C2404201  
SKU #: **A136967**  
Version: **0**  
Analysis #: **622898**  
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter   | Limit Values          | Result                |
|---|-----------------------|-----------------------|
| Purity(Neutralization titration) (after drying)                           | 98-102 (%)            | 99.70 %               |
| Purity(HPLC)  | 98-100 (%)            | 99.22400 %            |
| Specific Rotation [α] <sub>20</sub> /D(c=2 in 1mol/L NaOH)(calcd.on drie) | -50--45 (°)           | -45.02 °              |
| Loss on drying  | 0-6 (%)               | 1.21 %                |
| Appearance (A136967)  | White powder          | White powder          |
| Proton NMR spectrum   | Conforms to Structure | Conforms to Structure |
| Solubility in NaOH solution   | almost transparency   | almost transparency   |



John Su  
QA & QC Manager