

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-18 09:30:00  
 Date of Next Testing: 2027-08-18 09:30:00  
 Product Name: **5'-Adenylic Acid**  
 CAS Number: 61-19-8  
 Specifications & Purity: Moligand™, ≥98%(HPLC)  
 Lot #: H2508045  
 SKU #: **A136967**  
 Version: **0**  
 Analysis #: **561373**  
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(Neutralization titration) (after drying)	98-102 (%)	100.00 %
Purity(HPLC)	98-100 (%)	99.02100 %
Specific Rotation [α] <sub>20</sub> /D(c=2 in 1mol/L NaOH)(calcd.on drie)	-50--45 (°)	-47.62 °
Loss on drying	0-6 (%)	3.75 %
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