

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 #: C2414015  
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