

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-19 09:26:27  
Date of Next Testing: 2028-08-18 09:26:27  
Product Name: **5'-Adenylic Acid**  
CAS Number: 61-19-8  
Specifications & Purity: Moligand™, ≥95%  
Lot #: H2508132  
SKU #: **A196980**  
Version: **0**  
Analysis #: **561872**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	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 %
Purity(Neutralization titration) (after drying)	94.5-105.5 (%)	100.00 %
Appearance (A196980)	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