

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-16 15:14:31
Date of Next Testing: 2027-09-16 15:14:31
Product Name: **5'-Adenylic Acid**
CAS Number: 61-19-8
Specifications & Purity: Moligand™, ≥98%(HPLC)
Lot #: B2221104
SKU #: **A136967**
Version: **0**
Analysis #: **571929**
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 (%)	99.02000 %
Specific Rotation [α] ₂₀ /D(c=2 in 1mol/L NaOH)(calcd.on drie)	-50--45 (°)	-47.60 °
Loss on drying	0-6 (%)	3.70 %
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