

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-06 18:32:27

Date of Next Testing: 2028-01-06 18:32:27

Product Name: **5'-Adenylic Acid**

CAS Number: 61-19-8

Specifications & Purity: Moligand™, ≥95%

Lot #: A2503222

SKU #: **A196980**

Version: **0**

Analysis #: **458491**

Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	99.02100 %
Specific Rotation [α] _{20/D} (c=2 in 1mol/L NaOH)(calcd.on drie)	-50--45 (°)	-47.62100 °
Loss on drying	0-6 (%)	3.75000 %
Purity(Neutralization titration) (after drying)	94.5-105.5 (%)	100.00000 %
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