

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-02-25 15:01:38  
Date of Next Testing: 2025-02-24 15:01:38  
Product Name: **5'-Adenylic Acid**  
CAS Number: 61-19-8  
Specifications & Purity: 95%  
Lot #: B2221094  
SKU #: **A196980**  
**Analysis:** **077625**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	99.02400 %
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 (%)	3.77 %
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