

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-20 10:36:21  
Date of Next Testing: 2026-02-19 10:36:21  
Product Name: **5'-Adenylic Acid**  
CAS Number: 61-19-8  
Specifications & Purity: 95%  
Lot #: B2315553  
SKU #: **A196980**  
**Analysis: 189637**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	99.02400 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in } 1\text{mol/L NaOH})(\text{calcd. on drier})$	-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