

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-20 11:20:46
Date of Next Testing: 2027-09-20 11:20:46
Product Name: **5'-Adenylic Acid**
CAS Number: 61-19-8
Specifications & Purity: 95%
Lot #: K2123274
SKU #: **A196980**
Version: **0**
Analysis #: **413110**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	99.70000 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in } 1\text{mol/L NaOH})(\text{calcd. on drier})$	-50--45 (°)	-46.70°
Loss on drying	0-6 (%)	1.20 %
Purity(Neutralization titration) (after drying)	94.5-105.5 (%)	94.90 %
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