

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-02-25 15:33:31
Date of Next Testing: 2025-02-24 15:33:31
Product Name: **5'-Adenylic Acid**
CAS Number: 61-19-8
Specifications & Purity: 95%
Lot #: B2221095
SKU #: **A196980**
Analysis: **078141**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	96.74100 %
Specific Rotation [α] ₂₀ /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 (%)	97.50 %
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