

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-07 13:07:44
Date of Next Testing: 2026-09-07 13:07:44
Product Name: **5'-Adenylic Acid**
CAS Number: 61-19-8
Specifications & Purity: $\geq 98.0\%$ (HPLC)
Lot #: I2403064
SKU #: **A136967**
Version: **0**
Analysis #: **408565**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(Neutralization titration) (after drying)	98-102 (%)	99.68 %
Purity(HPLC)	98-100 (%)	99.22400 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in } 1\text{mol/L NaOH})(\text{calcd. on drier})$	-50--45 (°)	-45.02 °
Loss on drying	0-6 (%)	1.21 %
Appearance (A136967)	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