

Certificate of Analysis

Date of Testing: 2023-12-21 15:19:55

Date of Next Testing: 2025-12-20 15:19:55

Product Name: **5'-Adenylic Acid**

CAS Number: 61-19-8

Specifications & Purity: $\geq 98.0\%$ (HPLC)

Lot #: B2221093

SKU #: **A136967**

Analysis: **307501**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(Neutralization titration) (after drying)	98-102 (%)	100.00 %
Purity(HPLC)	98-100 (%)	99.02100 %
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 (%)	3.75 %
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