

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-08-24 14:34:03

Date of Next Testing: 2024-08-23 14:34:03

Product Name: **5'-Adenylic Acid(5'-AMP)**

CAS Number: 61-19-8

Specifications & Purity: Moligand™, ≥98%(HPLC)

Lot #: G2226151

SKU #: **A136967**

Version: **0**

Analysis #: **097646**

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

Parameter	Limit Values	Result
Purity(Neutralization titration) (after drying)	98-102 (%)	99.70000 %
Purity(HPLC)	98-100 (%)	99.22600 %
Loss on drying	0-6 (%)	1.20560 %
Specific Rotation [α] _{20/D} (c=2 in 1mol/L NaOH)(calcd.on drie)	-50--45 (°)	-45.02300 °
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