

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-02-11 11:09:06
Date of Next Testing: 2026-02-10 11:09:06
Product Name: **Adenosine 5'-monophosphate monohydrate**
CAS Number: 18422-05-4
Specifications & Purity: from yeast, $\geq 97\%$
Lot #: B2209067
SKU #: **A111884**
Analysis: **063504**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Wave Length	259-260 (nm)	259.50 nm
Purity(HPLC)	97-100 (%)	98.56100 %
EmM	14.8-15.5	14.90
Water by Karl Fischer	3.5-6.2 (%)	6.02 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in } 2\% \text{ NaOH})$	-49.5--47.5 ($^{\circ}$)	-47.50 $^{\circ}$
Appearance (A111884)	white powder	White powder
Solubility, Colorless, Clear 50 mg/mL, 1M NH ₄ OH	pass	Pass



John Su
QA & QC Manager