

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-18 11:52:44
 Date of Next Testing: 2028-10-17 11:52:44
 Product Name: **Adenosine 5'-monophosphate monohydrate**
 CAS Number: 18422-05-4
 Specifications & Purity: $\geq 97\%$, from yeast
 Lot #: J2416627
 SKU #: **A111884**
 Version: **1**
 Analysis #: **408559**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	97.34500 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in } 2\% \text{ NaOH})$	$-49.5--47.5 (^{\circ})$	-47.51000°
Water by Karl Fischer	3.5-6.2 (%)	6.20000 %
Appearance (A111884)	white powder	White powder
Solubility, Colorless, Clear 50 mg/mL, 1M NH ₄ OH	pass	Pass
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager