

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-07-27 15:29:34  
Date of Next Testing: 2026-07-26 15:29:34  
Product Name: **Adenosine 5'-triphosphate disodium salt hydrate**  
CAS Number: 34369-07-8  
Specifications & Purity: 98%  
Lot #: G2226056  
SKU #: **A111205**  
Version: **0**  
Analysis #: **118357**  
Storage Temperature: Protected from light, Store at -20°C, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-12 (%)	3.04 %
Purity(HPLC)	98-100 (%)	98.67000 %
abs-ratio(2a/2b)(E280/E260)	0.13-0.17	0.15
Purity(Neutralization titration)(calcd.on anh.substance)	97.5-102.5 (%)	98.50 %
abs-ratio(a/b)(E250/E260)	0.78-0.82	0.80
Appearance (A111205)	White powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Colorless and clear (5%)	pass	Pass



John Su  
QA & QC Manager