

## Certificate of Analysis

Date of Testing: 2021-04-19 16:56:37  
Date of Next Testing: 2025-04-18 16:56:37  
Product Name: **Adenosine 5'-triphosphate disodium salt hydrate**  
CAS Number: 34369-07-8  
Specifications & Purity: 98%  
Lot #: D2114158  
SKU #: **A111205**  
**Analysis:** **007096**  
Storage Temperature: Protected from light, Store at -20°C, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-12 (%)	3.25 %
Purity(HPLC)	98-100 (%)	99.68700 %
abs-ratio(2a/2b)(E280/E260)	0.13-0.17	0.15
Purity(Neutralization titration)(calcd.on anh.substance)	97.5-102.5 (%)	98.12 %
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