

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-04 14:49:47
Date of Next Testing: 2028-11-03 14:49:47
Product Name: **Adenosine 5'-triphosphate disodium salt hydrate**
CAS Number: 34369-07-8
Specifications & Purity: $\geq 98\%$
Lot #: J2429236
SKU #: **A111205**
Version: **0**
Analysis #: **430346**
Storage Temperature: Protected from light, Store at -20°C , Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-12 (%)	3.83 %
Purity(HPLC)	98-100 (%)	99.02000 %
abs-ratio(2a/2b)(E280/E260)	0.13-0.17	0.13
Purity(Neutralization titration)(calcd.on anh.substance)	97.5-102.5 (%)	100.00 %
abs-ratio(a/b)(E250/E260)	0.78-0.82	0.78
Appearance (A111205)	White powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless and clear (5%)	pass	Pass



John Su
QA & QC Manager