

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-06-15 16:35:50
 Date of Next Testing: 2026-06-14 16:35:50
 Product Name: **Adenosine 5'-triphosphate disodium salt hydrate**
 CAS Number: 34369-07-8
 Specifications & Purity: 98%
 Lot #: F2213178
 SKU #: **A111205**
 Version: **0**
 Analysis #: **100635**
 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 (%)	98.36400 %
abs-ratio(2a/2b)(E280/E260)	0.13-0.17	0.15
Purity(Neutralization titration)(calcd.on anh.substance)	97.5-102.5 (%)	99.50 %
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 ₂ O , Colorless and clear (5%)	pass	Pass



John Su
 QA & QC Manager