

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-06 11:55:33
 Date of Next Testing: 2029-01-05 11:55:33
 Product Name: **Adenosine 5'-triphosphate disodium salt hydrate**
 CAS Number: 34369-07-8
 Specifications & Purity: $\geq 98\%$
 Lot #: D2114162
 SKU #: **A111205**
 Version: **0**
 Analysis #: **457125**
 Storage Temperature: Protected from light, Store at -20°C , Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-12 (%)	3.24000 %
Purity(HPLC)	98-100 (%)	99.60000 %
abs-ratio(2a/2b)(E280/E260)	0.13-0.17	0.14000
Purity(Neutralization titration)(calcd.on anh.substance)	97.5-102.5 (%)	98.10000 %
abs-ratio(a/b)(E250/E260)	0.78-0.82	0.79000
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