

Certificate of Analysis

Date of Testing: 2025-02-05 15:24:01

Date of Next Testing: 2029-02-04 15:24:01

Product Name: **Adenosine 5'-triphosphate disodium salt hydrate**

CAS Number: 34369-07-8

Specifications & Purity: ≥98%

Lot #: A2513235

SKU #: **A111205**

Version: **0**

Analysis #: **338903**

Storage Temperature: Protected from light, Store at -20°C, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-12 (%)	8.98 %
abs-ratio(2a/2b)(E280/E260)	0.13-0.17	0.15
Purity(Neutralization titration)(calcd.on anh.substance)	97.5-102.5 (%)	98.16 %
abs-ratio(a/b)(E250/E260)	0.78-0.82	0.79
Purity(HPLC)	98-100 (%)	99.16000 %
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