

Certificate of Analysis

Date of Testing: 2022-03-10 09:53:00
Date of Next Testing: 2026-03-09 09:53:00
Product Name: **Adenosine 5'-triphosphate disodium salt hydrate**
CAS Number: 34369-07-8
Specifications & Purity: 98%
Lot #: C2207017
SKU #: **A111205**
Analysis: 081553
Storage Temperature: Protected from light, Store at -20°C, Argon charged

| Parameter | Limit Values | Result |
|---|-----------------------|-----------------------|
| Water by Karl Fischer | 0-12 (%) | 2.92 % |
| Purity(HPLC) | 98-100 (%) | 99.03400 % |
| abs-ratio(2a/2b)(E280/E260) | 0.13-0.17 | 0.15 |
| Purity(Neutralization titration)(calcd.on anh.substance) | 97.5-102.5 (%) | 98.50 % |
| 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