

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-04-16 11:36:14  
 Date of Next Testing: 2029-04-15 11:36:14  
 Product Name: **Adenosine 5'-Triphosphate, Disodium Salt (ATP)**  
 CAS Number: 987-65-5  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: D2501112  
 SKU #: **A100880**  
 Version: **1**  
 Analysis #: **499047**  
 Storage Temperature: Store at  $-20^{\circ}\text{C}$

| Parameter                                               | Limit Values          | Result                |
|---------------------------------------------------------|-----------------------|-----------------------|
| Water by Karl Fischer                                   | $<1(\%)$              | 0.63810 %             |
| abs-ratio(2a/2b)(E280/E260)                             | 0.13-0.17             | 0.15200               |
| Purity(HPLC)                                            | 98-100 (%)            | 99.74000 %            |
| abs-ratio(a/b)(E250/E260)                               | 0.78-0.82             | 0.80000               |
| Appearance (A100880)                                    | white powder          | White powder          |
| Solubility, Colorless and clear(5% in H <sub>2</sub> O) | pass                  | Pass                  |
| Proton NMR spectrum                                     | Conforms to structure | Conforms to Structure |
| Phosphorus NMR Spectra                                  | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager