

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-26 14:40:36
Date of Next Testing: 2028-09-25 14:40:36
Product Name: **Adenosine 5'-Triphosphate, Disodium Salt (ATP)**
CAS Number: 987-65-5
Specifications & Purity: $\geq 98\%$
Lot #: I2412085
SKU #: **A100880**
Version: **1**
Analysis #: **415445**
Storage Temperature: Store at -20°C

| Parameter | Limit Values | Result |
|-------------------------------------------|-----------------------|-----------------------|
| Water by Karl Fischer | <1(%) | 0.83 % |
| abs-ratio(2a/2b)(E280/E260) | 0.13-0.17 | 0.14 |
| Purity(HPLC) | 98-100 (%) | 99.99700 % |
| abs-ratio(a/b)(E250/E260) | 0.78-0.82 | 0.79 |
| Appearance (A100880) | white powder | White powder |
| Solubility,Colorless and clear(5% in H2O) | 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