

Certificate of Analysis

Date of Testing: 2023-03-08 23:06:24
Date of Next Testing: 2027-03-07 23:06:24
Product Name: **Adenosine 5'-triphosphate disodium salt (ATP)**
CAS Number: 987-65-5
Specifications & Purity: $\geq 98\%$
Lot #: C2304282
SKU #: **A100880**
Analysis: **195652**
Storage Temperature: Store at -20°C

| Parameter | Limit Values | Result |
|--|-----------------------|-----------------------|
| Water by Karl Fischer | < 1 (%) | 0.59 % |
| abs-ratio(2a/2b)(E280/E260) | 0.13-0.17 | 0.15 |
| Purity(HPLC) | 98-100 (%) | 99.98000 % |
| abs-ratio(a/b)(E250/E260) | 0.78-0.82 | 0.80 |
| Appearance (A100880) | white powder | White powder |
| Solubility,Colorless and clear(5% in H ₂ O) | pass | Pass |
| Proton NMR spectrum | Conforms to structure | Conforms to Structure |
| Phosphorus NMR Spectra | Conforms to Structure | Conforms to Structure |



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