

Certificate of Analysis

Date of Testing: 2023-08-15 11:10:04
Date of Next Testing: 2027-08-14 11:10:04
Product Name: **Adenosine 5'-triphosphate disodium salt (ATP)**
CAS Number: 987-65-5
Specifications & Purity: $\geq 98\%$
Lot #: H2310051
SKU #: **A100880**
Analysis: **264120**
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	0.15
Purity(HPLC)	98-100 (%)	99.75000 %
abs-ratio(a/b)(E250/E260)	0.78-0.82	0.80
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