

Certificate of Analysis

Date of Testing: 2023-11-20 10:57:20
Date of Next Testing: 2027-11-19 10:57:20
Product Name: **Adenosine 5'-triphosphate disodium salt (ATP)**
CAS Number: 987-65-5
Specifications & Purity: $\geq 98\%$
Lot #: K2314587
SKU #: **A100880**
Analysis: 297203
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Water by Karl Fischer	<1(%)	0.90 %
abs-ratio(2a/2b)(E280/E260)	0.13-0.17	0.15
Purity(HPLC)	98-100 (%)	99.85000 %
abs-ratio(a/b)(E250/E260)	0.78-0.82	0.79
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



John Su
QA & QC Manager