

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-05-27 16:31:19
Date of Next Testing: 2026-05-26 16:31:19
Product Name: **Adenosine 5'-triphosphate disodium salt (ATP)**
CAS Number: 987-65-5
Specifications & Purity: $\geq 98\%$
Lot #: E2225007
SKU #: **A100880**
Analysis: 092121
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Water by Karl Fischer	< 1 (%)	0.44 %
abs-ratio(2a/2b)(E280/E260)	0.13-0.17	0.15
Purity(HPLC)	98-100 (%)	99.34300 %
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