

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-12 12:19:52
 Date of Next Testing: 2029-12-11 12:19:52
 Product Name: **2'-Deoxyadenosine 5'-triphosphate sodium salt**
 CAS Number: 74299-50-6
 Specifications & Purity: ≥98%
 Lot #: L2508190
 SKU #: **A112854**
 Version: **0**
 Analysis #: **609818**
 Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Em (259nm, Phosphate Buffer, pH 7.0)	≥14700	14725.60000
Water by Karl Fischer	0-12 (%)	11.04000 %
Purity (HPLC)	98-100 (%)	99.88300 %
sodium by ICP Atomic emission	8.3-8.9 (%)	8.39600 %
Appearance (A112854)	White powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility, Colorless and clear (5% in H ₂ O)	pass	Pass



John Su
QA & QC Manager