

## Certificate of Analysis

Date of Testing: 2024-04-11 13:39:09  
Date of Next Testing: 2025-04-11 13:39:09  
Product Name: **Adenosine 5'-triphosphate disodium salt trihydrate**  
CAS Number: 51963-61-2  
Specifications & Purity:  $\geq 98\%$   
Lot #: E2306276  
SKU #: **A295090**  
**Analysis:** **344185**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$ , Argon charged, Desiccated

Parameter	Limit Values	Result
Assay(HPLC)	98-100 (%)	98.48 %
Water by Karl Fischer	6-12 (%)	6.52 %
Appearance (A295090)	White to Faint Yellow and Faint Beige and Faint Brown Powder or Crystals	White to Faint Yellow and Faint Beige and Faint Brown Powder or Crystals
Proton NMR spectrum	Conforms to structure	Conforms to Structure
ICP: Confirms Sodium Component	Confirmed	Confirmed
Phosphorus NMR Spectra	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager