

## Certificate of Analysis

Date of Testing: 2023-10-19 11:44:24  
Date of Next Testing: 2027-10-18 11:44:24  
Product Name: **Triphosphopyridine nucleotide sodium salt hydrate**  
CAS Number: 698999-85-8  
Specifications & Purity:  $\geq 98\%$  (HPLC)  
Lot #: J2312281  
SKU #: **T140491**  
**Analysis:** **282433**  
Storage Temperature: Protected from light, Store at  $-20^{\circ}\text{C}$ , Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-9 (%)	0.78 %
Purity(HPLC)	98-100 (%)	98.45600 %
Sodium (Na)(anhydrous)	1.5-4.3 (%)	2.61 %
Appearance (T140491)	White to Off-White Solid, Powder, or Crystals	White to Off-White Solid, Powder, or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Colorless to Faint Yellow , Clear , 50 mg/ml H <sub>2</sub> O	pass	Pass



John Su  
QA & QC Manager