

## Certificate of Analysis

Date of Testing: 2022-12-07 19:42:28  
Date of Next Testing: 2026-12-06 19:42:28  
Product Name: **Triphosphopyridine nucleotide sodium salt hydrate**  
CAS Number: 698999-85-8  
Specifications & Purity:  $\geq 98\%$  (HPLC)  
Lot #: L2205784  
SKU #: **T140491**  
**Analysis: 150225**  
Storage Temperature: Protected from light, Store at  $-20^{\circ}\text{C}$ , Desiccated

Parameter	Limit Values	Result
Sodium (Na)(anhydrous)	1.5-4.3 (%)	2.34 %
Water by Karl Fischer	0-9 (%)	4.31 %
Purity(HPLC)	98-100 (%)	98.01000 %
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