

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-10-16 11:05:05

Date of Next Testing: 2027-10-15 11:05:05

Product Name: **Triphosphopyridine nucleotide sodium salt hydrate**

CAS Number: 698999-85-8

Specifications & Purity: $\geq 98\%$ (HPLC)

Lot #: J2312348

SKU #: **T140491**

Analysis: **282433**

Storage Temperature: Protected from light, Store at -20°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 ₂ O , Colorless to Faint Yellow , Clear , 50 mg/ml H ₂ O | pass | Pass |



John Su
QA & QC Manager