

Certificate of Analysis

Date of Testing: 2023-06-08 11:32:38

Date of Next Testing: 2026-06-07 11:32:38

Product Name: **β -Nicotinamide adenine dinucleotide 2'-phosphate reduced tetrasodium salt hydrate**

CAS Number: 2646-71-1

Specifications & Purity: $\geq 97\%$ (HPLC)

Lot #: E23301385

SKU #: N464348

Analysis: 208493

Storage Temperature: Protected from light, Store at -20°C, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-12 (%)	6.40 %
Sodium(ICP)(dry basis)	10.5-11.6 (%)	11.14 %
Purity(HPLC area)	97-100 (%)	97.06 %
Appearance(N464348)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager