

Certificate of Analysis

Date of Testing: 2024-05-09 11:00:55

Date of Next Testing: 2027-05-09 11:00:55

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

CAS Number: 2646-71-1

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

Lot #: D2424336

SKU #: N464348

Analysis: 337314

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

Parameter	Limit Values	Result
Water by Karl Fischer	0-12 (%)	7.32 %
Purity(HPLC area)	97-100 (%)	97.01 %
Sodium(ICP)(dry basis)	10.5-11.6 (%)	10.51 %
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