

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-08-02 13:27:20
Date of Next Testing:	2028-08-01 13:27:20
Product Name:	β-Nicotinamide adenine dinucleotide phosphate sodium salt hydrate(NADP)
CAS Number:	1184-16-3
Specifications & Purity:	97%
Lot #:	G2423065
SKU #	N107170
Version	1
Analysis #:	395042
Storage Temperature:	Store at -20°C,Argon charged

Parameter	Limit Values	Result
Solvent Content (by GC),Acetone	0-6 (%)	2.36 %
Purity(Spectrophotometric)(Dry Basis)	97-100 (%)	98.89 %
Water by Karl Fischer	0-9 (%)	0.27 %
Enzymatic Purity(Dry Basis)	97-100 (%)	98.02 %
Purity(HPLC)	97-100 (%)	97.84800 %
Sodium (Na)(anhydrous)	1.5-4.3 (%)	3.25 %
Appearance (N107170)	White to Off-White Powder or Crystals	White to Off-White 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