

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-16 11:33:18

Date of Next Testing: 2028-12-15 11:33:18

Product Name: **β-Nicotinamide adenine dinucleotide phosphate sodium salt hydrate(NADP)**

CAS Number: 1184-16-3

Specifications & Purity: ≥97%

Lot #: L2409511

SKU #: N107170

Version: 1

Analysis #: 439933

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

Parameter	Limit Values	Result
Water by Karl Fischer	0-9 (%)	0.29230 %
Purity(HPLC)	97-100 (%)	98.77300 %
Sodium (Na)(anhydrous)	1.5-4.3 (%)	3.23000 %
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