

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-06-07 07:38:25
 Date of Next Testing: 2026-06-06 07:38:25
 Product Name: **β-Nicotinamide adenine dinucleotide phosphate sodium salt hydrate(NADP)**
 CAS Number: 1184-16-3
 Specifications & Purity: 97%
 Lot #: E2227132
 SKU #: **N107170**
 Version: **0**
 Analysis #: **064405**
 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 %
Sodium (Na)(anhydrous)	1.5-4.3 (%)	3.25 %
Purity(HPLC)	97-100 (%)	97.84800 %
Appearance (N107170)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Solubility in H ₂ O , Colorless to Faint Yellow , Clear , 50 mg/ml H ₂ O	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager