

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2024-08-23 09:20:03
Date of Next Testing:	2026-08-23 09:20:03
Product Name:	<b>β-Nicotinamide adenine dinucleotide sodium salt</b>
CAS Number:	20111-18-6
Specifications & Purity:	≥95%(HPLC)
Lot #:	K2212118
SKU #	<b>B132541</b>
Version	<b>1</b>
Analysis #:	<b>403240</b>
Storage Temperature:	Store at -20°C

Parameter	Limit Values	Result
Solvent Content (by GC)	0-3 (%)	0.19 %
Purity(HPLC)	95-100 (%)	97.90300 %
Water by Karl Fischer	0-10 (%)	8.65 %
Appearance (B132541)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Colorless to Faint Yellow , Clear , 50 mg/ml H <sub>2</sub> O	pass	Pass
ICP:Confirms Na component	Confirmed	Confirmed



John Su  
QA & QC Manager