

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: **β-Nicotinamide adenine dinucleotide sodium salt**  
CAS Number: 20111-18-6  
Specifications & Purity: ≥95%(HPLC)  
Lot #: K2212117  
SKU #: **B132541**  
Version: **1**  
Analysis #: **403240**  
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