

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-30 16:00:02
 Date of Next Testing: 2027-01-29 16:00:02
 Product Name: **β-Nicotinamide adenine dinucleotide(NAD)**
 CAS Number: 53-84-9
 Specifications & Purity: 97%
 Lot #: A2312184
 SKU #: **N111609**
Analysis: 181376
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-10 (%)	1.45 %
Purity(HPLC)	97-100 (%)	99.35700 %
Enzymatic Purity(Dry Basis)	97-100 (%)	99.51 %
Solvent Content (by GC)	0-3 (%)	0.00 %
Appearance (N111609)	White to Off-White Powder	White to Off-White Powder
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