

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-18 10:38:41

Date of Next Testing: 2028-12-17 10:38:41

Product Name: **β-Nicotinamide adenine dinucleotide(NAD)**

CAS Number: 53-84-9

Specifications & Purity: Moligand™, ≥97%

Lot #: L2413562

SKU #: N111609

Version: 0

Analysis #: 451524

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-10 (%)	0.90490 %
Purity(HPLC)	97-100 (%)	98.42800 %
Enzymatic Purity(Dry Basis)	97-100 (%)	98.33390 %
Solvent Content (by GC)	0-3 (%)	1.00000 %
Appearance (N111609)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H2O , Colorless to Faint Yellow Clear ,50 mg/mL, H2O	pass	Pass



John Su
QA & QC Manager