

Certificate of Analysis

Date of Testing: 2023-01-30 15:51:59

Date of Next Testing: 2027-01-29 15:51:59

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

CAS Number: 53-84-9

Specifications & Purity: 97%

Lot #: A2312194

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