

Certificate of Analysis

Date of Testing: 2022-07-30 10:56:54
 Date of Next Testing: 2026-07-29 10:56:54
 Product Name: **β-Nicotinamide adenine dinucleotide(NAD)**
 CAS Number: 53-84-9
 Specifications & Purity: 97%
 Lot #: G2223228
 SKU #: **N111609**
Analysis: 119360
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-10 (%)	6.12 %
Purity(HPLC)	97-100 (%)	98.19000 %
Enzymatic Purity(Dry Basis)	97-100 (%)	98.76 %
Solvent Content (by GC)	0-3 (%)	1.10 %
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