

## Certificate of Analysis

Date of Testing: 2022-11-04 14:48:23

Date of Next Testing: 2023-11-04 14:48:23

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

CAS Number: 53-84-9

Specifications & Purity: 95%

Lot #: K2201657

SKU #: **N196974**

**Analysis: 120232**

Storage Temperature: Store at -20°C, Desiccated

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	99.54100 %
Enzymatic Purity(Dry Basis)	95-100 (%)	95.00 %
Water by Karl Fischer	0-10 (%)	2.06 %
Solvent Content (by GC)	0-3 (%)	1.21 %
Appearance (N196974)	White to Off-White Powder	White to Off-White Powder
Solubility in H2O , Colorless to Faint Yellow Clear ,50 mg/mL, H2O	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager