

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-13 13:37:38  
 Date of Next Testing: 2029-08-12 13:37:38  
 Product Name: **β-Nicotinamide adenine dinucleotide(NAD)**  
 CAS Number: 53-84-9  
 Specifications & Purity: Moligand™, ≥97%  
 Lot #: H2511407  
 SKU #: **N111609**  
 Version: **0**  
 Analysis #: **558349**  
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-10 (%)	3.60300 %
Purity(HPLC)	97-100 (%)	99.76200 %
Enzymatic Purity(Dry Basis)	97-100 (%)	97.01230 %
Solvent Content (by GC)	0-3 (%)	1.50000 %
Appearance (N111609)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Colorless to Faint Yellow Clear ,50 mg/mL, H <sub>2</sub> O	pass	Pass



John Su  
QA & QC Manager