

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-31 16:16:00
 Date of Next Testing: 2032-03-29 16:16:00
 Product Name: **β-Nicotinamide adenine dinucleotide hydrate**
 CAS Number: 53-84-9
 Specifications & Purity: ≥99%, purified by column chromatography
 Lot #: C2630709
 SKU #: N754989
 Version: 1
 Analysis #: 683383
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-10 (%)	4.96450 %
Purity(HPLC)	99-100 (%)	99.64100 %
NMR Total Resid.Solvents	0-0.1 (%)	0.05000 %
Appearance(N754989)	White to pale yellow powder, crystals and/or Chunk	white to pale yellow Powder, Crystals and/or Chunk
Solubility(50mg/mL,H2O),Colorless,Clear	Pass	Pass
LC-MS for identification	Conforms	Conforms
Phosphorus NMR spectrum	conforms to structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager