

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-24 11:35:40
Date of Next Testing: 2029-04-23 11:35:40
Product Name: **β -Nicotinamide adenine dinucleotide phosphate(NADP) hydrate**
CAS Number: 53-59-8 (anhydrous)
Specifications & Purity: Moligand™, $\geq 95\%$
Lot #: D2517491
SKU #: N101669
Version: 1
Analysis #: 482393
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Sodium(Na)	0-0.04 (%)	0.01 %
Water by Karl Fischer	0-9 (%)	0.03 %
Purity(HPLC)	95-100 (%)	99.84700 %
Potassium(K)	0-0.04 (%)	0.02 %
Solvent Content	0-4 (%)	1.20 %
Solubility in H ₂ O , Colorless to Faint Yellow , Clear , 50 mg/ml H ₂ O	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Phosphorus NMR Spectra	Conforms to Structure	Conforms to Structure
Appearance (N101669)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks



John Su
QA & QC Manager