

ALADDIN SCIENTIFIC CORPORATION  
 14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-11 15:09:17  
 Date of Next Testing: 2029-12-10 15:09:17  
 Product Name: **β-Nicotinamide adenine dinucleotide phosphate(NADP) hydrate**  
 CAS Number: 53-59-8 (anhydrous)  
 Specifications & Purity: Moligand™, ≥95%  
 Lot #: L2510022  
 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 H2O , Colorless to Faint Yellow , Clear , 50 mg/ml H2O	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