

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-11 11:50:29  
 Date of Next Testing: 2029-09-10 11:50:29  
 Product Name: **β-Nicotinamide adenine dinucleotide phosphate sodium salt hydrate(NADP)**  
 CAS Number: 1184-16-3  
 Specifications & Purity: ≥97%  
 Lot #: I2510031  
 SKU # N107170  
 Version 1  
 Analysis #: 439933  
 Storage Temperature: Store at -20°C, Argon charged

| Parameter                                                                                      | Limit Values                          | Result                                |
|------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------|
| Water by Karl Fischer                                                                          | 0-9 (%)                               | 0.29230 %                             |
| Purity(HPLC)                                                                                   | 97-100 (%)                            | 98.77300 %                            |
| Sodium (Na)(anhydrous)                                                                         | 1.5-4.3 (%)                           | 3.23000 %                             |
| Appearance (N107170)                                                                           | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |
| 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