

## Certificate of Analysis

Date of Testing: 2025-03-26 14:07:35

Date of Next Testing: 2029-03-25 14:07:35

Product Name: **β-Nicotinamide adenine dinucleotide phosphate(NADP) hydrate**

CAS Number: 53-59-8 (anhydrous)

Specifications & Purity: Moligand™, ≥95%

Lot #: C2525841

SKU #: **N101669**

Version: **1**

Analysis #: **476366**

Storage Temperature: Store at -20°C

| Parameter                                                            | Limit Values                                 | Result                                       |
|----------------------------------------------------------------------|----------------------------------------------|----------------------------------------------|
| Sodium(Na)                                                           | 0-0.04 (%)                                   | 0.00 %                                       |
| Water by Karl Fischer                                                | 0-9 (%)                                      | 0.00 %                                       |
| Purity(HPLC)                                                         | 95-100 (%)                                   | 99.86900 %                                   |
| Potassium(K)                                                         | 0-0.04 (%)                                   | 0.00 %                                       |
| Solvent Content                                                      | 0-4 (%)                                      | 0.35 %                                       |
| Appearance (N101669)                                                 | White to Off-White Powder or Solid or Chunks | White to Off-White Powder or Solid or Chunks |
| 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                        |



John Su  
QA & QC Manager