

**CERTIFICATE OF ANALYSIS**

**BATCH VERIFICATION**

|                     |   |
|---------------------|---|
| <b>BATCH</b>        | NAD+ 1000mg   |
| <b>Date</b>         | 04.11.2026  |
| <b>Tests</b>        | Qualitative and quantitative analytical assessment of the submitted sample,ICP-MS (Heavy Metals),MS/NMR(Identification) |
| <b>Heavy Metals</b> | Non-detected  |

**TECHNICAL PROPERTIES**

|                          |   |
|--------------------------|---|
| <b>Property</b>          | <b>Details</b>  |
| <b>Product</b>           | NAD+(Nicotinamide Adenine Dinucleotide)   |
| <b>Identifiers</b>       | CAS Number:53-84-9  |
| <b>Molecular Formula</b> | C <sub>21</sub> H <sub>27</sub> N <sub>7</sub> O <sub>14</sub> P <sub>2</sub>             |
| <b>Molecular Weight</b>  | 663.4 g/mol   |
| <b>Storage</b>           | Store at -20°C.Short-term storage at 2-8°C is acceptable.Protect from light and moisture. |
| <b>Chemical Nature</b>   | Coenzyme(nucleotide-derived compound)   |

**TEST RESULTS**

| Test Item       | Specification                               | Method | Result       |
|-----------------|---|--------|--------------|
| Appearance      | White to off-white lyophilized solid powder | Visual | Conforms     |
| Purity          | 98%min                                      | HPLC   | 99.02%       |
| Assay (Content) | ≥1000 mg                                    | Assay  | 1000mg       |
| Heavy Metals    | Within acceptable limits                    | ICP-MS | Not detected |
| Identification  | Consistent with reference                   | MS/NMR | Pass         |

