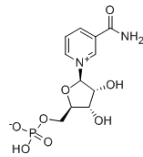


CERTIFICATE OF ANALYSIS

| | | | |
|--------------------------|---|-------------------------|---|
| Product name | β-Nicotinamide Mononucleotide (NMN) | |  |
| Molecular formula | C ₁₁ H ₁₅ N ₂ O ₈ P | | |
| Cas No. | 1094-61-7 | | |
| Quantity | 300kg | | |
| Batch Number | 20220618 | Manufacture Date | 20220618 |
| Report Date | 20220618 | Expiry Date | 20240617 |

| Testing Items | Specifications | Results |
|-----------------------|---|----------|
| Appearance | White to off-white powder | Conforms |
| Identification | ¹ HNMR conforms to structure | Conforms |
| Purity (HPLC) | ≥98.0% | 99.9% |
| pH | 2.0-4.0 | 3.1 |
| Water content | ≤5.0% | 0.6% |
| Heavy Metal | | |
| Pb | ≤0.5ppm | Conforms |
| As | ≤0.15ppm | Conforms |
| Cd | ≤2.5ppm | Conforms |
| Hg | ≤1.5ppm | Conforms |
| Microbial limit | | |
| Total microbial count | ≤750CFU/g | 90CFU/g |
| Coliform | ≤3.0MPN/g | N.D |
| Ethanol (By GC) | ≤5000ppm | 140ppm |

Storage: Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Shelf Life: 24 months if store under the conditions above and stay in original packaging.

