



Certificate of Analysis

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|-------------------|--|--------------|-------------------|
| Product name | : β -Nicotinamide Mononucleotide | Date | : 10 January 2022 |
| CAS No. | : 1094-61-7 | Batch number | : BC1220108YXA |
| Manufactured date | : 8 January 2022 | Expiry date | : 7 January 2024 |

| Analysis Item | Specification | Result |
|------------------------|--------------------------|----------|
| Appearance | Fine powder | Complies |
| Color | White | Complies |
| Odor & Taste | Characteristics | Complies |
| Particle size | $\geq 95\%$ pass 80 mesh | Complies |
| Assay | $\geq 99.0\%$ | 99.90% |
| Loss on Drying | $\leq 1.0\%$ | 0.08% |
| PH Value | 2.0-4.0 | 3.5 |
| Loose Density | Actual value | 0.30g/ml |
| Tight Density | Actual value | 0.43g/ml |
| Heavy Metal | | |
| Lead(Pb) | $\leq 0.5\text{ppm}$ | Complies |
| Arsenic(As) | $\leq 0.5\text{ppm}$ | Complies |
| Mercury(Hg) | $\leq 0.5\text{ppm}$ | Complies |
| Cadmium(Cd) | $\leq 0.5\text{ppm}$ | Complies |
| Microbiological | | |
| Total Plate Count | $\leq 750\text{cfu/g}$ | Complies |
| E.Coli | $\leq 3.0\text{MPN/g}$ | Complies |

Conclusion : Conform with specification.

Storage : Store in a well-closed and dry place with constant room temperature and Non-direct sunlight

Shelf life : 24 months under the conditions above and in its original packaging.

Zhang Jingping

 Quality Assurance

Wang Fei

 Quality Control

