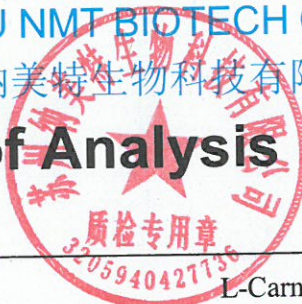


SUZHOU NMT BIOTECH CO.,LTD

苏州纳美特生物科技有限公司


# Certificate of Analysis (检测报告)

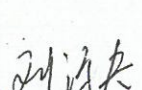


|                  |                     |             |               |
|------------------|---------------------|-------------|---------------|
| Product          | L-Carnosine         |             |               |
| CAS No.          | 305-84-0            | Manu. Date  | Jul. 03, 2024 |
| Batch No.        | 20240703            | Expiry Date | Jul. 02, 2026 |
| Quantity         | 1000kg              | Test Date   | Jul. 04, 2024 |
| Quality standard | Enterprise standard |             |               |

| TEST ITEM                     | SPECIFICATION  | RESULTS       |
|-------------------------------|--|---------------|
| Appearance                    | White or almost white powder   | Corresponding |
| Identification                | The retention time of the main peak of the test sample is consistent with the retention time of the control sample | Corresponding |
| Loss on drying                | $\leq 1.0\%$   | 0.40%         |
| Melting Point                 | 250-260°C  | 250.4~252.1°C |
| Residue on ignition           | $\leq 0.1\%$   | 0.09%         |
| Specific Rotation             | +20.0°~+22.0°  | +21.4°        |
| pH                            | 7.9-8.3  | 8.2           |
| Heavy metals                  | <10ppm   | <10ppm        |
| Iron (铁)                      | $\leq 20\text{ppm}$  | Corresponding |
| Pb                            | $\leq 3\text{ppm}$   | Corresponding |
| As                            | $\leq 1\text{ppm}$   | Corresponding |
| Hg                            | $\leq 0.1\text{ppm}$   | Corresponding |
| Cd                            | $\leq 1\text{ppm}$   | Corresponding |
| Purity                        | $\geq 99.0\%$  | 99.8%         |
| L-Histidine                   | $\leq 1.0\%$   | Corresponding |
| Alanine                       | $\leq 0.1\%$   | Corresponding |
| Total aerobic microbial count | <100cfu/g  | <100cfu/g     |
| Combined Yeast&Mold Count     | <100cfu/g  | <100cfu/g     |
| E.Coli                        | Absent/g   | Negative      |
| Salmonella                    | Absent/10g   | Negative      |

**Conclusion: Conform to the Enterprise Standards.**

Analyst:   
[Signature]

Supervisor:   
[Signature]