

检测报告 CERTIFICATE OF ANALYSIS

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|----------------------------|---|------------------------|---------------|
| 产品名称 Product Name: | 牛胶原蛋白肽 Bovine Collagen Peptide | 参考标准 Ref. Standard: | GB 31645-2018 |
| 批号 Batch Number: | 20251206 | 生产日期 Manuf. Date: | Dec. 06, 2025 |
| 数量 Quantity: | 1440kg | 有效期至 Expiry Date: | Dec. 05, 2027 |
| 储存条件 Storage Condition: | 保存在密封的、不透光的容器中，置于室温干燥处。 Preserve in tight, light-resistant container at controlled room temperature dry place. | | |

| 项目 Item | 标准 Specification | 结果 Result | 方法 Method |
|---|---|------------------|-----------------|
| 外观 Appearance | 白色或淡黄色粉末 White or Light yellow powder | 符合 Conforms | 感官 Organoleptic |
| 味道& 气味 Taste& Odor | 具有产品应有的滋味和气味，无异味 It has the characteristic taste and smell of the product, no odor | 符合 Conforms | 感官 Organoleptic |
| 状态 State | 粉末状，无结块，无正常视力可见外来异物 Powder, no caking, no normal vision visible foreign matters | 符合 Conforms | 感官 Organoleptic |
| 蛋白质（以干基计，换算系数5.79） Protein on dry basis | ≥90.0% | 99.0% | GB 31645 |
| 理化指标 Physical & Chemical Characteristics | | | |
| 水分 Moisture | ≤7.0% | 5.72% | GB/T 5009.3 |
| 灰分 Ash | ≤7.0% | 1.3% | GB/T 5009.4 |
| 羟脯氨酸 Hyp | ≥3.0% | 符合 Conforms | GB/T 9695.23 |
| 总氮(以干基计) Total nitrogen | ≥15.0% | 17.1% | GB/T 5009.5 |
| 重金属 Heavy Metals | | | |
| 铅 Lead(Pb) | ≤1.0ppm | 未检出 Not Detected | GB 5009.12 |
| 砷 Arsenic(As) | ≤1.0ppm | 未检出 Not Detected | GB 5009.11 |
| 汞 Mercury(Hg) | ≤0.1ppm | 未检出 Not Detected | GB 5009.17 |
| 镉 Cadmium(Cd) | ≤0.1ppm | 未检出 Not Detected | GB 5009.15 |
| 铬 Chromium(Cr) | ≤2.0ppm | 未检出 Not Detected | GB 5009.123 |
| 微生物指标 Microbiological Tests | | | |
| 菌落总数 Total Plate Count | ≤10000cfu/g | 阴性 Negative | GB 4789.2 |
| 大肠菌群 Coliform | ≤100cfu/g | 阴性 Negative | GB 4789.3 |
| 结论 Conclusion: | 符合 GB 31645-2018 标准 Conform to GB 31645-2018 standard. | | |

Tested by: Tiantian Wang

Checked by: Hong Chen

Approved by: Yulan Liu

