



秦皇岛华恒生物工程有限公司

QINHUANGDAO HUAHENG BIO ENGINEERING CO., LTD.

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分 析 报 告

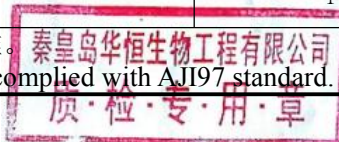
CERTIFICATE OF ANALYSIS

| | | |
|--|------------------------------------|----------------------------------|
| 产品名称: β -丙氨酸 Product Name: β -Alanine | 数量: 4000kgs Quantity: | 批号: C22304024B2 Batch No: |
| 生产日期: 2023-04-02 Production date: | 取样日期: 2023-04-02 Sampling date: | 报告日期: 2023-04-07 Report date: |
| 参照标准: AJI97 Reference standard: AJI97 | 包装: 25kg/箱 Package: | 有效期: 2025-04-01 Expiry date: |

| 序号 No. | 项 目 Item | 标 准 Standard | 检 测 结 果 Test Results |
|-----------|--|--|------------------------------------|
| 1.1 | 外观 (Appearance) | 白色结晶或结晶粉末 white crystallization or crystalline powder | 白色结晶粉末 white crystalline powder |
| 1.2 | 含量 (Assay)% | 98.0~101.0 | 99.3 |
| 1.3 | PH | 6.5~7.5 | 7.28 |
| 1.4 | 透光率 (Transmittance) % \geq | 95.0 | 99.0 |
| 1.5 | 干燥失重 (Loss on drying) % \leq | 0.20 | 0.05 |
| 1.6 | 灼烧残渣 (Residue on ignition) % \leq | 0.20 | 0.10 |
| 1.7 | 氯化物 Chloride(Cl) % \leq | 0.04 | <0.04 |
| 1.8 | 硫酸盐 Sulfate(SO ₄) % \leq | 0.048 | <0.048 |
| 1.9 | 铵盐 Ammonium (NH ₄) % \leq | 0.02 | <0.02 |
| 1.10 | 其他氨基酸 (Other amino acids) | 不得检出 Not detectable | 未检出 Not detected |
| 1.11 | 重金属(以 Pb 计) Heavy metals (Pb) mg/kg \leq | 10 | <10 |
| 1.12 | 铁 (Fe) mg/kg \leq | 30 | <30 |
| 1.13 | 铅 (Pb) mg/kg \leq | 1 | <0.04 |
| 1.14 | 砷 (As) mg/kg \leq | 1 | <0.01 |
| 1.15 | 汞 (Hg) mg/kg \leq | 0.1 | <0.01 |
| 1.16 | 镉 (Cd) mg/kg \leq | 0.5 | <0.003 |
| 1.17 | 菌落总数 (Total Plate Count) cfu/g \leq | 1000 | <10 |
| 1.18 | 酵母和霉菌 (Moulds & Yeast) cfu/g \leq | 100 | <10 |
| 1.19 | 大肠埃希氏菌 (E. coli) cfu/g < | 10 | <10 |
| 1.20 | 沙门氏菌/25g (Salmonella/25g) | Negative | Negative |
| 1.21 | 金黄色葡萄球菌/25g (Staphylococcus aureus /25g) | Negative | Negative |

结论: 经检测, 产品符合 AJI97 标准。
 Conclusion: After test, the product is complied with AJI97 standard.

报告人: 谢丽丽
 Reported by: Xie Lili



批准人: 王艳
 Approved by: Wang Yan