

Jiangxi Long Life Bio-Pharmaceutical Co., Ltd.
(A wholly owned subsidiary of Chiral Quest (Suzhou) Co., Ltd.)

Certificate of Analysis
产品检验报告 (Re-test 复测)

| | | | |
|--------------------|-------------------------|-----------------------------|------------|
| Product Name 产品名称: | L-2-Naphthylalanine.HCl | Date of Manufacturing 生产日期: | 2014-01-06 |
| CAS No.: | 122745-12-4 | Retest Date 复测日期: | 2017-09-03 |
| Batch No.批号: | L390-301-140101 | Next Retest Date 下次复测日期: | 2018-03-02 |
| Batch Size 批数量: | 49.5kg | Specification 质量标准: | In House |

| No | Test Items 测试项目 | Specification 质量标准 | Results 结果 |
|----|--|---------------------------------------|--------------------------|
| 1 | Appearance 外观 | White to off-white solid. 白色至类白色固体 | Off-white solid 类白色固体 |
| 2 | Identification by HPLC HPLC 鉴别 | Retention time complies 保留时间一致 | Complies 一致 |
| 3 | Purity by HPLC (A %) 纯度(HPLC, A%) | ≥ 98.0% | 99.4% |
| 4 | Any individual impurity by HPLC (A %) 任一单杂 (HPLC, A%) | ≤ 0.5% | 0.42% |
| 5 | Enantiomeric excess by HPLC (A %) 对映体过量 (HPLC, A%) | ≥ 99.70% | 100.00% |
| 6 | Water content by KF (w/w %) 水份(KF,w/w %) | ≤ 1.0% | 0.14% |

Conclusion: Batch released. The batch complies with the specification. I hereby certify that the above information is authentic and accurate.

结论: 批放行。本批产品符合规定的质量标准。特此证明以上信息真实准确。

Comment 备注 NA

Certificate prepared by/Date 起草人/日期: 陈绿英 2017.09.03

Certificate reviewed by/Date 审核人/日期: 何柯清 2017.09.03

Certificate approved by/Date 批准人/日期: 何柯清 2017.09.06

