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Certification of Analysis

产品分析证明书

| Product 产品 | Pentapeptide-3 五肽-3 | | |
|---|--|-------------------------|------------|
| 分子式 MF. | $C_{21}H_{37}N_9O_5$ | 批号 Batch No. | YS1802PP3 |
| 分子量 MW. | 495.58 | 批量 Batch Quantity | 26.8g |
| CAS No. | 725232-44-0 | 生产日期 Manufacturing Date | 02/09/2018 |
| 复测 Retest Date | 02/2020 | 过期日期 Expiry Date | 02/08/2020 |
| 序列 Sequence | H-Gly-Pro-Arg-Pro-Ala-NH ₂ | | |
| 检验项目 TEST | 检验指标 SPECIFICATION | | 结果 RESULT |
| 1 外观 Appearance | White powder | | Conforms |
| 2 鉴别 Identity by HPLC | The retention is same with the reference substance | | Conforms |
| | 鉴别 Identity by MS | | 495.58±1 |
| 3 溶解性 Solubility | Soluble in water | | Conforms |
| 4 Amino Acid Composition | ±10% of theoretical | | Conforms |
| 5 纯度 Peptide purity (By HPLC) | ≥95.0% by area integration | | 99.57% |
| 6 水份 Water Content (Karl Fischer) | ≤8.0% | | 5.19% |
| Conclusion: the test result is confirmed to the specification and qualified | | | |

储存条件 Storage:避光密闭保存于阴凉干燥处, 长期保存建议-20℃。Cool and dry place, protected from light, keep package airproofed when not in use. Please store -20℃ for long term storage.

备注 Remarks:如遇质量问题, 请于收到产品日起 30 日内与我们联系。In case of any quality issues, please contact us within 30 days after receipt of the product.

Tested By Qing Huo, Audited By Ke Liu Date: 2018-03-21

YoungShe Chem Quality Control Department

