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## Certification of Analysis

### 产品分析证明书

Product 产品	Palmitoyl Tripeptide-5 棕榈酰三肽-5		
分子式 MF.	$C_{33}H_{65}N_5O_5$	批号 Batch No.	YS1709PT5
分子量 MW.	611.92	批量 Batch Quantity	197g
CAS No.	623172-56-5	生产日期 Manufacturing Date	09/20/2017
复测 Retest Date	09/2019	过期日期 Expiry Date	09/19/2019
序列 Sequence	Pal-Lys-Val-Lys-OH		
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		611.92±1
3 溶解性 Solubility	Slightly soluble in water		Conforms
4 Amino Acid Composition	±10% of theoretical		Conforms
5 纯度 Peptide purity (By HPLC)	≥95.0% by area integration		98.26%
6 水份 Water Content (Karl Fischer)	≤8.0%		5.80%
7 三氟醋酸含量 TFA Content	≤25.0%		14.20%
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: 2017-10-17

YoungShe Chem Quality Control Department

