



Chengdu YoungShe Chemical Co.,Ltd

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Certification of Analysis

产品分析证明书

Product 产品	Palmitoyl Tetrapeptide-7 棕榈酰四肽-7		
分子式 MF.	$C_{34}H_{62}N_8O_7$	批号 Batch No.	YS1805PTTP7
分子量 MW.	694.9	批量 Batch Quantity	189.52g
CAS No.	221227-05-0	生产日期 Manufacturing Date	05/21/2018
复测 Retest Date	05/2020	过期日期 Expiry Date	05/20/2020
序列 Sequence	Pal-Gly-Gln-Pro-Arg-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		694.9±1
3 溶解性 Solubility	Insoluble in water		Conforms
4 Amino Acid Composition	±10% of theoretical		Conforms
5 纯度 Peptide purity (By HPLC)	≥95.0% by area integration		98.47%
6 水份 Water Content (Karl Fischer)	≤8.0%		4.11%
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: 2018-06-04

YoungShe Chem Quality Control Department

