



Chengdu YoungShe Chemical Co.,Ltd
No. 666, Jitai Rd, New and Hi-tech Zone, Chengdu, China 610000
Phone/Fax: +86-28-62328193, sales@youngshechem.com
www.youngshechem.com

Certification of Analysis

产品分析证明书

Product 产品	Nonapeptide-1 九肽-1		
分子式 MF.	$C_{61}H_{87}N_{15}O_9S$	批号 Batch No.	YS1803NP1
分子量 MW.	1206.52	批量 Batch Quantity	80g
CAS No.	158563-45-2	生产日期 Manufacturing Date	03/06/2018
复测 Retest Date	03/2020	过期日期 Expiry Date	03/05/2020
序列 Sequence	H-Met-Pro-D-Phe-Arg-D-Trp-Phe-Lys-Pro-Val-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		1206.52±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		98.45%
6 水份 Water Content (Karl Fischer)	≤8.0%		5.61%
7 醋酸含量 Acetate Content	≤15.0%		12.76%
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:** 2018-03-30

YoungShe Chem Quality Control Department

