



**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		Dipeptide-2 二肽-2	
分子式 MF.	$C_{16}H_{21}N_3O_3$	批号 Batch No.	YS1805DP2
分子量 MW.	303.36	批量 Batch Quantity	187g
CAS No.	24587-37-9	生产日期 Manufacturing Date	05/03/2018
复测 Retest Date	05/2020	有效期至 Expiry Date	05/02/2020
序列 Sequence	H-Val-Trp-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
	303.36±1		Conforms
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		98.51%
6 水份 Water Content (Karl Fischer)	≤8.0%		7.83%
7 醋酸含量 Acetate Content	≤15.0%		0.79%
符合企业标准 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: 2018-06-08

YoungShe Chem Quality Control Department

