



**Chengdu YoungShe Chemical Co.,Ltd**  
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## Certification of Analysis

### 产品分析证明书

<b>Product</b> 产品	<b>Acetyl Hexapeptide-51 Amide</b> 乙酰基六肽-51		
分子式 <b>MF.</b>	$C_{38}H_{61}N_9O_{11}$	批号 <b>Batch No.</b>	YS1808AHP51
分子量 <b>MW.</b>	819.60	批量 <b>Batch Quantity</b>	55.62g
<b>CAS No.</b>	N/A	生产日期 <b>Manufacturing Date</b>	08/14/2018
复检 <b>Retest Date</b>	08/2020	有效期至 <b>Expiry Date</b>	08/13/2020
序列 <b>Sequence</b>	<b>Acetyl Hexapeptide-51 Amide</b>		
检验项目 <b>TEST</b>	检验指标 <b>SPECIFICATION</b>		结果 <b>RESULT</b>
1 外观 <b>Appearance</b>	White powder		Conforms
2 鉴别 <b>Identity by HPLC</b>	The retention is same with the reference substance		Conforms
	鉴别 <b>Identity by MS</b>		819.60±1 Conforms
3 溶解性 <b>Solubility</b>	Soluble in water		Conforms
4 <b>Amino Acid Composition</b>	±10% of theoretical		Conforms
5 纯度 <b>Peptide purity (By HPLC)</b>	≥95.0% by area integration		98.54%
6 水份 <b>Water Content (Karl Fischer)</b>	≤8.0%		1.87%
7 三氟醋酸含量 <b>TFA Content</b>	≤20%		17.50%
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 Chen Qiao, Checked By Zhang Libing, Audited By Ke Liu

YoungShe Chem Quality Control Department Date: 2018-09-03

成都云希化工有限公司质检部

