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## Certification of Analysis

### 产品分析证明书

<b>Product</b> 产品	<b>Dipeptide Diaminobutyroyl Benzylamide Diacetate</b> 二肽二氨基丁酰苄基酰胺二乙酸盐		
分子式 <b>MF.</b>	$C_{19}H_{29}N_5O_3(Net)$	批号 <b>Batch No.</b>	YS1802AKE
分子量 <b>MW.</b>	375.48(Net)	批量 <b>Batch Quantity</b>	1651.7g
<b>CAS No.</b>	823202-99-9(Acetate)	生产日期 <b>Manufacturing</b>	02/06/2018
复测 <b>Retest Date</b>	02/2020	过期日期 <b>Expiry Date</b>	02/05/2020
序列 <b>Sequence</b>	<b>H-β-Ala-Pro-Dab-NH-Bzl.HOAc</b>		
<b>检验项目 TEST</b>	<b>检验指标 SPECIFICATION</b>		<b>结果 RESULT</b>
1	<b>外观 Appearance</b>	White powder	Conforms
2	<b>鉴别 Identity by HPLC</b>	The retention is same with the reference substance	Conforms
	<b>鉴别 Identity by MS</b>	375.48±1	Conforms
3	<b>溶解性 Solubility</b>	Soluble in water	Conforms
4	<b>Amino Acid Composition</b>	±10% of theoretical	Conforms
5	<b>纯度 Peptide purity (By HPLC)</b>	≥95.0% by area integration	99.2%
6	<b>水份 Water Content (Karl Fischer)</b>	≤8.0%	0.6%
7	<b>醋酸含量 Acetate Content</b>	≤25.0%	1.1%
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 airtight 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: 2018-03-07

YoungShe Chem Quality Control Department