

# Zhengzhou Filter Biotechnology Co., Ltd.

Room 9-1-906 Shangshuyuan, South of Nongye Rd, Zhengdong New District, Zhengzhou  
County, Zhengzhou, Henan, China (Industrial Zone)

Tel: 8615737953140 Fax: 86-28-88203605 WEB: www.kjpep.com

## Certification of Analysis

<b>Product Name</b>	GHRP-6 Acetate	<b>CAS No.</b>	87616-84-0
<b>Molecular</b>	C <sub>46</sub> H <sub>56</sub> N <sub>12</sub> O <sub>6</sub>	<b>Batch No.</b>	P160528-YS488708
<b>Molecular Weight</b>	873.01	<b>Manufacturing Date</b>	28/05/2016
<b>Storage</b>	Cool dry place	<b>Retest Date</b>	28/05/2016
<b>Sequence</b>	His-D-Trp-Ala-Trp-D-Phe-Lys-NH <sub>2</sub>		
<b>TEST</b>		<b>SPECIFICATION</b>	<b>RESULT</b>
1	<b>Appearance</b>	White powder	White powder
2	<b>Solubility</b>	Soluble in water or acetic acid at a to give a clear, colorless solution	Conforms
3	<b>Identification (MS)</b>	873.01 ± 1.0	873.04
3	<b>Amino Acid Composition</b>	±10% of theoretical	Conforms
4	<b>Peptide Purity (By HPLC)</b>	≥98.0% by area integration	99.32%
5	<b>Related Substance (By HPLC)</b>	Total Impurities(%) ≤ 2.0% Largest Single Impurity(%) ≤ 1.0%	0.68% 0.54%
6	<b>Acetate Content (By HPLC)</b>	≤ 15.0%	10.5%
7	<b>Water Content (Karl Fischer)</b>	≤ 8.0%	4.5%
8	<b>Bacterial Endotoxins</b>	≤ 5 EU/mg	Conform
9	<b>Peptide Content (N determination)</b>	≥ 80.0%	85.7%
10	<b>Assay (By Anhydrous, Acetic)</b>	95.0 ~ 105.0%	96.2%