



Chengdu KaiJie Biopharm Co., Ltd.

KAIJIE

Segment 1, Industrial Road, Dayi County, Chengdu, Sichuan, P. R. China, 611330

Tel: 86-28-88208155, Fax: 86-28-88203632 WEB: www.kjpep.com

Certification of Analysis

Product Name	GHRP-6 Acetate	CAS No.	87616-84-0
Molecular Formula	$C_{46}H_{56}N_{12}O_6$	Batch No.	20100308
Molecular Weight	873.01	Manufacturing Date	03/08/2010
Storage	2~8℃	Retest Date	03/07/2012
Sequence	His-D-Trp-Ala-Trp-D-Phe-Lys-NH ₂		
TEST		SPECIFICATION	RESULT
1	Appearance	White powder	White powder
2	Solubility	Soluble in water or acetic acid at a to give a clear, colorless solution	Conforms
3	Identification (MS)	873.01±1.0	872.9
4	Amino Acid Composition	±10% of theoretical	Conforms
5	Peptide Purity (By HPLC)	≥98.0% by area integration	99.04%
6	Related Substance (By HPLC)	Total Impurities(%)≤2.0% Largest Single Impurity(%)≤1.0%	0.96% 0.20%
7	Acetate Content (By HPLC)	≤15.0%	14.83%
8	Water Content (Karl Fischer)	≤8.0%	1.27%
9	Bacterial Endotoxins	≤5EU/mg	Conform
10	Peptide Content (N determination)	≥80.0%	82.55%
11	Assay (By Anhydrous, Acetic Acid-free)	95.0~105.0%	98.65%

Quality Control By Zhouzhongbing Date: 2010-03-10

Quality Assurance Department