



Chengdu KaiJie Biopharm Co., Ltd.

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Certification of Analysis

Product Name	Argirelin Acetate (Acetyl Hexapeptide-3)		
Molecular Formula	$C_{34}H_{60}N_{14}O_{12}S$	Batch No.	20100408
Molecular Weight	888.42	Manufacturing Date	04/08/2010
Storage	2~8 °C	Retest Date	04/07/2012
Sequence	Ac-Glu-Glu-Met-Gln-Arg-Arg-NH ₂		

TEST		SPECIFICATION	RESULT
1	Appearance	White powder	Conforms
2	Identity by MS	888.42±1	887.9
3	Solubility	Soluble in water or 1% acetic acid	Conforms
4	pH	3.5~5.5	4.63
5	Amino Acid Composition	±10% of theoretical	Conforms
6	Peptide Purity (By HPLC)	≥ 95.0% by area integration	98.57%
7	Water Content (Karl Fischer)	≤ 5.0%	3.54%
8	Acetate Content	≤ 15.0%	6.90%
9	Assay	95~105%	98.5%

Quality Control By Zhouzhongbing Date: 2010-04-14

Quality Assurance Department