



# Chengdu KaiJie Biopharm Co., Ltd.

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## Certification of Analysis

Product Name	Eptifibatide Acetate	CAS No.	148031-34-9
Molecular Formula	$C_{35}H_{49}N_{11}O_9S_2$	Batch No.	20100811
Molecular Weight	831.96	Manufacturing Date	08/11/2010
Storage	2~8℃	Retest Date	08/10/2012
Sequence	Mpr-Harg-Gly-Asp-Trp-Pro-Cys-NH <sub>2</sub>		

TEST	SPECIFICATION	RESULT
1 Appearance	White to Off-white powder	Conforms
2 Specific Optical Rotation	-75.0~-95.0° (c=1%, HAc)	-78.66°
3 Water Content(Karl Fischer)	≤ 8.0%	2.67%
4 Amino Acid Composition	±20%	Conforms
5 Acetate Content (By HPLC)	≤ 15.0 %	5.08%
6 Peptide Purity (By HPLC)	≥ 98.0% by area integration	99.16%
7 Related Substance(By HPLC)	Total Impurities(%)≤ 2.0%	0.84%
	Largest Single Impurity(%)≤ 1.0%	0.21%
8 MeCN(By GC)	≤0.041%	Conforms
9 Bacterial Endotoxins	≤ 5EU/mg	Conforms
10 Peptide content (By N %)	≥80.0%	90.89%
11 Assay	95.0~103.0%(By Anhydrous, Acetic Acid-free )	98.64%

Quality Control By Zhouzhongbing

Date: 2010-08-16

Quality Assurance Department