



西安菲斯弗生物科技有限公司
Xi'an Faithful Biological Technology Co., Ltd.

Certificate of Analysis-Aprotinin

CAS: 9087-70-1

Batch Number: FTF0241022 Batch Quantity: 500kg

Manufacture Date: Oct.20th,2024 Analysis Date: Oct.21th,2024 Certificate Date: Oct.22th,2024

Storage Sealed, cool, dry and protected from light.

term of validity If it is properly kept unopened for 36 months, it can still be used if it is qualified after re inspection.

ITEMS	SPECIFICATIONS	RESULTS
Description	A white powder or Pallide-flavens powder	Conforms
Solubility	soluble in water and in isotonic solutions, practically insoluble in organic solvents	Conforms
Identification		
A. Thin-layer chromatography	Should meet the specification	Conforms
B. Trypsin inhibit activity	Should meet the specification	Conforms
PH	pH5.0~7.0	6.0
Appearance of Solution	Clear	Clear
Absorption	Have the largest absorption at $\lambda=277\text{nm}$ not more than 0.8	277nm 0.7
Loss on drying	not more than 6.0%	5.4%
Protein of higher molecular mass	not more than 3.0%	1.7%
Bacterial endotoxins	Less than 0.14 IU/Ph.Eu units of aprotinin	Conforms
Abnormal toxicity	Should meet the specification	Conforms
Histamine	Not more than 0.2 μg / 3 Ph. Eur. U	Conforms
Activity	not less than 3.0EPU/mg on dry basis	3.26EPU/mg (5868KIU/mg)

Conclusion: Conform with enterprise specification .

QC MANAGER: 刘娟 INSPECTOR: 黄子烨

