



西安菲斯弗生物科技有限公司

Xi'an Faithful Biological Technology Co., Ltd.

Certificate of Analysis-Cetrorelix acetate

CAS: 120287-85-6

Batch Number: FTF0250511 **Batch Quantity:** 300g

Manufacture Date: May.09th,2025 **Analysis Date:**May.10th,2025 **Certificate Date:** May.11th,2025

Storage Store in cool & dry place. Store in well-closed containers.

Shelf life 3 years when properly stored.

Items	Standard	Results
Appearance	White or off-white powder	White powder
Amino acid analysis	2-Nal: 0.9-1.1	2-Nal: 1.0
	4-Cpa: 0.9-1.1	4-Cpa: 1.0
	3-Pal: 0.9-1.1	3-Pal: 1.0
	Ala: 0.9-1.1	Ala: 1.1
	Tyr: 0.9-1.1	Tyr: 0.9
	Leu: 0.9-1.1	Leu: 1.1
	Arg: 0.9-1.1	Arg: 1.0
	Pro: 0.9-1.1	Pro: 1.0
	Ser: Present	Ser: Present
MS	1431.0±1.0	1431.1
Related Substances	Unspecified impurity for each impurity:NMT1.0%	0.14%(single largest impurity)
	Total impurity:NMT 2.0%	0.41%
Acetic acid	NMT 15.0%	6.8%
Water Content(Karl Fischer)	NMT 7.0%	4.8%
Peptide Content(N%)	NLT80%	88.1%
Bacterial endotoxins	Less than 5IU/mg	Conforms
Residual solvent	Methanol:NMT 3000ppm Acetonitrile:NMT410 ppm Triethylamine:NMT 320 ppm	Conforms

Conclusion: Conform with enterprise specification .

QC MANAGER: 刘娟 **INSPECTOR:** 黄子烨

