



Certificate of Analysis

Product name	Deslorelin	Manufacture date	Nov.06.2019
Batch number	FQ231209	Analysis date	Nov.07.2019
Batch quantity	10kg	Expire date	Nov.06.2021

Test Items	Specification	Results
Appearance	White powder or almost white powder	Complies
Identity by HPLC	The retention is same with the reference substance	Complies
Amino Acid Composition	Glu: 0.85~1.10 Pro: 0.85~1.10 Leu: 0.90~1.10 Tyr: 0.85~1.10 His: 0.85~1.10 Arg: 0.85~1.10 Ser: Present Trp: Present	0.95 1.03 1.01 0.99 1.00 0.98 0.90 Determined
Purity(By HPLC)	≥ 98.0 %	99.01%
Related Substances (By HPLC)	Total impurities ≤2.0% Largest single impurity ≤0.5%	0.99% 0.35%
Acetate Content(By HPLC)	≤12.0%	9.58%
Water Content(By HPLC)	≤8.0%	2.75%
Peptide Content(By HPLC)	≥ 80.0%	86.22%
Bacterial Endotoxins	≤70 IU/mg	Complies
Assay (By anhydrous, acetic acid-free)	95.0%~105.0%	98.55%

Packing description:	Sealed export grade drum & double of sealed plastic bag
Storage:	Store in a tightly closed container ,in a cool and dry place
Shelf life:	2 years when properly stored

Quality Assurance Officer: 李强

Corrector: 佟丽华

Analyst: 方琼

