

CERTIFICATE OF ANALYSIS

Product Name:	Leuprorelin Acetate		
CAS No.	74381-53-6		
Batch No.	190301	Quantity	35.85g
Molecular Formula	C ₅₉ H ₈₄ N ₁₆ O ₁₂	Molecular Weight	1209.4
Manufacturing Date	March 18, 2019	Retest Date	March 17, 2021
Analytical Results			
Items	Specifications		Results
Appearance	White or almost white powder		White powder
Molecular Ion Mass	1209.4		Conforms
Purity (HPLC)	NLT 97.5%		99.49%
Related substances (HPLC)	Total impurities: NMT 2.5%		Total impurities: 0.51%
	Maximum single impurity: NMT 1.0%		Maximum single impurity: 0.19%
Acetic acid Content	4.7-9.0%		8.97%
Water Content	NMT 5.0%		3.99%
Bacterial Endotoxins	NMT 16.7 IU/mg		Conforms
Storage	In an airtight container, protected from light, at a temperature of 2°C to 8°C		
Remark	This peptide was prepared by chemical synthesis. Used only for research. Not for human use.		
Conclusion	Qualified.		

Inspector: Carlifor Wu

Verifier: Jack He

