

## Certificate of Analysis

### **Triptorelin GT-A017**

Product Name :	Triptorelin	CAS No. :	57773-63-4
Molecular Formula:	C <sub>64</sub> H <sub>82</sub> N <sub>18</sub> O <sub>13</sub>	Molecular Weight :	1311.46
Quantity:	40g	Retest Date:	2018-11-12
Batch NO:	GT-A017	Manufacturing Date :	2020-11-12
Sequence	Pyr-His-Trp-Ser-Tyr-D-Trp-Leu-Arg-Pro-Gly-NH <sub>2</sub>		
Store at :	Cool dry place(-20°C, away from the light)		

Tests :	Specifications	Results
Appearance	White powder	Conforms
Purity(HPLC)	≥98%	98.98
Single Impurity (HPLC)	≤2.0%	Conforms
Peptide Content (N%)	≥80.0%	86.1%
Water Content (Karl Fischer)	≤8.0%	6.5%
Acetate Content (HPIC)	≤12.0%	6.6%
MS (ESI)	Conforms	Conforms
Mass Balance	95.0~105.0%	Conforms

Quality Control by : Bingxin Xie 2018-11-12  
Quality Assured by Yiming Cheng 2018-11-12

- 1) The shipment contains Chemically Synthesized Peptide. (Synthetic Protein). It is not derived from human, animal or plant.
  - 2) The above material is to be used exclusively for in vitro laboratory research purposes only. It has no commercial resale value. It is NOT for Human or Animal Consumption.
  - 3) The material is NOT hazardous, nor infectious. The material is NOT an immunogen.  
It is NOT a drug or a controlled substance.
  - 4) It does NOT contain any animal or cell culture derived products or additives such as Albumin or Serum.
- The Material is NON-HAZARDOUS  
For Laboratory Research Use Only