

Certificate of Analysis

Melanotan II Acetate GT-A007

Product Name :	Melanotan II Acetate	CAS No. :	121062-08-6
Molecular Formula:	C50H69N15O9	Molecular Weight :	1024.2
Quantity:	150g	Manufacturing Date:	2018-08-27
Lot No:	P180813-A007	Retest Date :	2020-08-27
Sequence	Ac-Nle-Asp-His-D-Phe-Arg-Trp-Lys-NH2 Chemical Bridge Asp2-Lys7		
Store at :	Cool dry place(-20°C, away from the light)		

Tests :	Specifications	Results
Appearance	White powder	Conforms
Purity(HPLC)	≥98%	99.80%
Single Impurity (HPLC)	≤1.0%	Conforms
Acetate Content(HPLC)	≤12.0%	8.2%
Peptide Content (N%)	≥80.0%	83.2%
Water Content (Karl Fischer)	≤10.0%	5.06%
MS (ESI)	Conforms	Conforms
Mass Balance	95.0~105.0%	Conforms

Quality Control by :	Keshuang Wang	2018-087-27
Quality Assured by	Yiming Cheng	2018-08-27

- 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