



## Certificate of Analysis

Product Name :	Melanotan II Acetate	CAS No. :	121062-08-6
Molecular Formula:	C <sub>50</sub> H <sub>69</sub> N <sub>15</sub> O <sub>9</sub>	Molecular Weight :	1024.20
Quantity:	852.2g	Manufacturing Date:	2024-10-20
Lot No:	P241020-TY-A-10481	Retest Date :	2026-10-19
Sequence	Ac-Nle-Asp-His-D-Phe-Arg-Trp-Lys-NH <sub>2</sub>		
Store at :	Cool dry place( away from the light)		
Tests :	Specifications	Results	
Appearance	White powder	Conforms	
Purity(HPLC)	≥98.0%	99.77%	
Acetate Content(HPLC)	≤20.00%	11.98%	
Peptide Content (N%)	≥70.0%	78.26%	
Water Content (Karl Fischer)	≤10.0%	3.84%	
MS (ESI)	Conforms	Conforms	
Mass Balance	95.0~105.0%	Conforms	
Conclusion: Complies with the manufacturer's standard.			

Quality Control by :	2024-11-20
Quality Assured by:	2024-11-20
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	