



ElixirPeptide

ЧУДО НАУКИ В КАЖДОЙ КАПЛЕ

Certificate of Analysis

Melanotan-1

Cas No.,	175175-23-2	Molecular Formula	C78H111N21O19
Molecular Weight	1646.9	Reference Standard	Enterprise Standard
Batch No.	P20250325	Manufacturing Date	March 25, 2025
Batch Quantity	400G	Expiration Date	March 25, 2027
Appearance	White to off-white powder		

Items	Specification	Result	Method
Appearance	White or Off-white powder	Confirm	Organoleptic
Identity	Theoretical MW : 1646.85	Confirm	MS
Purity	≥98.0%	99.52%	HPLC USP<621>
Acetic acid content	NMT 10.0%	6.70%	HPLC USP<621>
Chemical Characteristics			
Heavy Metals	NMT 10PPM	confirm	ICP-MS USP ICP-MS USP <233>
Arsenic (As)	NMT 10ppm	confirm	ICP-MS USP ICP-MS USP <233>
Mercury(Hg)	NMT 0.3ppm	confirm	ICP-MS USP ICP-MS USP <233>
Heavy Metals (Hplc), ppm	NMT 10	Not Detected	ICP-MS USP ICP-MS USP <233>
Microbiological Characteristics			
Total Plate Count	NMT1000cfu/g	confirm	USP<61>
Total Yeast & Mold	NMT100cfu/g	confirm	USP<61>
E. Coli	Negative	Negative	USP<62>
Salmonella	Negative	Negative	USP<62>

Consulation	Conforms to standard , The product is for research or production use only, not for direct human use.
Packing and Storage	Store in dark and cool dry place, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Tested by: *Fin Li*

Date: April 1, 2025

Approved by: *Cod Hao*

Date: April 1, 2025