

Certificate of Analysis

Acetyl Tetrapeptide-3

Cas No.,	827306-88-7	Molecular Formula	C22H39N9O5
Molecular Weight	509.6	Reference Standard	USP
Batch No.	4-3-24	Manufacturing Date	October 23, 2024
Batch Quantity	100G	Expiration Date	October 22, 2026
Appearance	White to off-white powder	Country of Origin	China
Items	Specification	Result	Method
Appearance	White to off-white powder	Confirm	Observation
Identity	Theoretical MW: 509.6	Confirm	MS
Peptide Purity	≥99.0%	99.20%	HPLC USP<621>
Water	NMT 8.0%	2.30%	(Karl Fischer)
Chemical Characteristics			
Heavy Metals	NMT 10PPM	confirm	USP <231> Me USP <231> Method II
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: October 30, 2024

Approved by: Cod Hao

Date: October 30, 2024