

Certificate of Analysis

Tesamorelin Acetate

CAS No	218949-48-5	Code	BIOJTES001
Lot No	PG-104-260726A3	Manufacture Date	Jul.26, 2026
Retest Date	Jul.25, 2028	Quantity	50G

Testing Items	Specifications	Results
Appearance	White or almost white powder	White powder
Solubility	Slightly soluble in water	Complies
Water content (Karl Fischer)	$\leq 7.0\%$	2.4%
Acetic Acid (By HPLC)	$\leq 10.0\%$	7.1%
Trifluoroacetic acid (By HPLC)	$\leq 0.5\%$	0.01%
Peptide Purity (By HPLC)	$\geq 98.0\%$	99.13%
Related Substance (By HPLC)	Largest single impurity $\leq 1.0\%$ Total impurities $\leq 2.0\%$	0.23% 0.87%
Peptide content	$\geq 80.0\%$	89.7%
Organic solvent residue	Acetonitrile $\leq 410\text{ppm}$ N,N-Dimethylformamide $\leq 880\text{ppm}$ Methanol $\leq 3000\text{ppm}$	70ppm Not detected 20ppm
Microbial limit	Total aerobic bacterial $\leq 10\text{cfu}/10\text{mg}$ Mould & Yeast $\leq 1\text{cfu}/10\text{mg}$	$< 10\text{cfu}/10\text{mg}$ $< 1\text{cfu}/10\text{mg}$
Bacterial endotoxin	$< 10\text{EU}/\text{mg}$	Complies
Conclusion	This product conforms to In-house standard	

***Storage conditions:**

Stability studies demonstrate the material remains stable at 25 °C; ambient shipment permitted.

Long-term storage recommended at -20 °C