

Certificate of Analysis

Tesamorelin Acetate

CAS No	901758-09-6	Code	BIOJTES001
Lot No	2025042101	Manufacture Date	May.21, 2025
Retest Date	May.20, 2027	Quantity	1G

Testing Items	Specifications	Results
Appearance	White or almost white powder	White powder
Solubility	Soluble in water	Complies
Water content (Karl Fischer)	$\leq 7.0\%$	2.7%
Acetic Acid (By HPLC)	$\leq 10.0\%$	6.3%
Trifluoroacetic acid (By HPLC)	$\leq 0.5\%$	0.09
Peptide Purity (By HPLC)	$\geq 98.0\%$	99.5%
Related Substance (By HPLC)	Largest single impurity $\leq 1.0\%$ Total impurities $\leq 2.0\%$	0.2% 0.5%
Assay	97.0%~103.0%	98.6%
Peptide content	$\geq 90.0\%$	90.5%
Organic solvent residue	Acetonitrile $\leq 410\text{ppm}$ N,N-Dimethylformamide $\leq 880\text{ppm}$ MTBE $\leq 5000\text{ppm}$ Methanol $\leq 3000\text{ppm}$	Complies Complies Complies Complies
Microbial limit	Total aerobic bacterial $\leq 10\text{cfu}/10\text{mg}$ Mould & Yeast $\leq 1\text{cfu}/10\text{mg}$	<10cfu/10mg <1cfu/10mg
Bacterial endotoxin	<10EU/mg	Complies
Conclusion	This product conforms to In-house standard	

***Storage: Store at $-20 \pm 5^{\circ}\text{C}$, Protect from moisture and light.**