

Certificate of analysis

Thymosin Beta 4 Acetate

CAS No	77591-33-4	Code	BIOJTHM001
Batch No	2023122401	Manufacture Date	Jan.18, 2024
Retest Date	Jan.17, 2026	Quantity	20G

Testing Items	Specifications	Results
Appearance	White or off-white powder	White powder
Solubility	Soluble in water	Complies
Water content (Karl Fischer)	$\leq 8.0\%$	5.4%
Acetic Acid (By HPLC)	$\leq 10.0\%$	4.3%
Molecular weight	-----	4963.44
Peptide Purity (By HPLC)	$\geq 98.0\%$	99.4%
Related Substance (By HPLC)	Largest single impurity $\leq 1.0\%$ Total impurities $\leq 2.0\%$	0.3% 0.6%
Organic solvent residue	Acetonitrile $\leq 0.041\%$ Dichloromethane $\leq 0.060\%$ N,N-Dimethylformamide $\leq 0.088\%$	<0.041% <0.060% <0.088%
Conclusion	This product conforms to In-house standard	

***Storage: Store at 0~8℃, Protect from moisture and light.**