

AurumLabs

3rd Floor, 86-90 Paul Street, London, England, United Kingdom, EC2A 4NE

CERTIFICATE OF ANALYSIS

Product Name	Thymulin Acetate		
CAS NO.	63958-90-7	Batch No.	2025121501
Molecular Formula	$C_{33}H_{54}N_{12}O_{15}$	Manufacturing Date	2025/12/16
Reference Standard	Enterprise Standard	Testing Date	2026/1/10

No.	Item	Specification	Test result
1	Appearance	White or almost white fluffy powder	Conform
2	Solubility	Soluble in water and acetic acid	Conform
3	Water Content (Karl Fischer)	$\leq 8.0\%$	6.90%
4	Acetic Acid (By HPLC)	$\leq 15.0\%$	1.30%
5	Peptide Purity (By HPLC)	$\geq 95.0\%$	99.00%
6	Related Substance (By HPLC)	Total Impurities($\leq 5.0\%$)	1.00%
		Largest Single Impurity($\leq 2.0\%$)	1.20%
7	Organic Solvent Residue	Acetonitrile $\leq 0.041\%$	$< 0.041\%$
		Dichloromethane $\leq 0.060\%$	$< 0.060\%$
		N,N-Dimethylformamide $\leq 0.088\%$	$< 0.088\%$
8	Condition of Storage	2~8°C	
Conclusion	The product conforms with enterprise standard and qualified		