

AurumLabs

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

CERTIFICATE OF ANALYSIS

Product Name	Semax Acetate		
CAS NO.	80714-61-0	Batch No.	2025082501
Molecular Formula	C ₃₇ H ₅₁ N ₉ O ₁₀ S	Manufacturing Date	2025/8/25
Reference Standard	Enterprise Standard	Testing Date	2025/9/28
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)	≤ 8.0%	5.70%
4	Acetic Acid (By HPLC)	≤ 15.0%	3.20%
5	Peptide Purity (By HPLC)	≥98.0%	99.80%
6	Related Substance (By HPLC)	Total Impurities(%)≤2.0%	0.20%
		Largest Single Impurity(%)≤1.0%	0.10%
7	Organic Solvent Residue	Acetonitrile≤0.041%	<0.041%
		Dichloromethane≤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		