

Certificate of Analysis

Product name	semax
Molecular Formula	C ₃₇ H ₅₁ N ₉ O ₁₀ S
Molecular Weight	813.92
Batch No.	20250807-2
Quantity	524.0g
Specification	5mg
Manufacturing Date	Aug.07, 2025
Expiry Date	Aug.06, 2027
Store at	Keep in dark and cool dry place

Items	Standards	Results
Appearance	White to off-white powder	Complies
Identity by MS	Theoretical MW: 813.92	Complies
Purity (HPLC)	≥98.0%	99.08%
Peptide Content (N%)	≥80.0%	92.45%
Water (K.F.)	≤ 7.0%	2.43%
Acetic acid content	≤ 15.0%	3.73%
Assay	95%-105%	100.02%
Solubility	≥2mg/ml (H ₂ O)	Complies
Conclusion	Conforms to standard	Complies

Notes: for research use only

Q. C. Manager:xiqing

2025-09-02

Inspector:lukangmei

2025-09-02