

Certificate Of Analysis

NO:024-S83-TSX

Peptide Name	Semax		
Molecular Formula	C ₃₇ H ₅₁ N ₉ O ₁₀ S	Manufacturing	2026/04/12
Molecular Weight	813.92	Report Date	2026/04/14
CAS No.	80714-61-0	Re-test Date	2028/04/14
Appearance	white powder	Packing size	1Kg/bag
Reference Standard	Reference Ch.p	Storage conditions	Cool dry place(away from the light)
Sequence	Met-Glu-His-Phe-Pro-Gly-Pro		

Tests	Specifications	Results
Appearance	White powder	Conforms
MS (ESI)	Conforms	Conforms
Purity(HPLC)	≥98.0%	99.03%
Acetate Content(HPLC)	<12.0%	9.33%
Water Content (Karl Fischer)	≤10.0%	2.59%
Peptide Content (N%)	≥80.0%	86.3%
Mass Balance	95.0~105.0%	Conforms

QC Director: Meker Z

Checker: bowen yong