Certificate Of Analysis

NO:026-S83-TSX

Peptide Name	Semax		
Molecular Formula	$C_{37}H_{51}N_9O_{10}S$	**Manufacturing**	2026/09/10
Molecular Weight	813.92	**Report Date**	2026/09/15
CAS No.	80714-61-0	**Re-test Date**	2028/09/10
Appearance	white powder	**Packing size**	1Kg/bag
Reference Standard	Reference Ch.p	**Storage conditions**	Cool dry place (2-8°C, away from 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%	97.98%

For research use only. Direct human application is prohibited.

Limit To Research And Submission Use
Not For Direct Human Application

Analyst: Warden Zhou **QC Director:** Melker Zhu **Checker**：Bowen Yang