

	Chengdu YoungShe Chemical Co.,Ltd No. 77, Tianmu Rd, New and Hi-tech Zone, Chengdu, China 610000 Phone/Fax: +8613269722355, followinggloria@gmail.com www.youngshechem.com
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Certification of Analysis

Peptide		Semax	
MF.	$C_{37}H_{51}N_9O_{10}S$	Batch No.	CP52260201
MW.	813.9	Manufacturing Date	02/04/2026
CAS NO.	80714-61-0	Retest Date	02/03/2028
Sequence	Met-Glu-His-Phe-Pro-Gly-Pro		
TEST		SPECIFICATION	RESULT
1	Appearance	White powder or granule	Conforms
2	Identity by MS	813.9±1	813.80
3	Solubility	Soluble in water	Conforms
4	Peptide purity(By HPLC)	≥98.0%	99.77%
5	Water Content(Karl Fischer)	≤8.0%	2.86%
6	Acetic Acid Content(By HPLC)	≤15.0%	1.32%
7	TFA Content(By HPLC)	≤0.5%	N.D
8	Related Substance(By HPLC)	Total Impurities: ≤2.0% Largest Single Impurity: ≤1.0%	0.23% 0.23%
9	Peptide Content	Reported value	95.59%

Tested By Yang Linyu , Audited By Yu Simeng , Date: 2026-03-22

YoungShe Chem Quality Control Department

Notes: This peptide is just chemical reagent for lab research only, not for human diagnosis, treatment, or any other illegal purposes.

备注：本产品属于化学试剂，仅供实验室科学研究使用，不得用于任何临床诊断或治疗，不得直接或间接用于任何人体试验。凡需方违反此约定擅自用于临床或者人体试验者，所发生的一切后果和法律责任，均由需方自行承担。