

Certificate of Analysis

Product name	Semax Peptide
Molecular Formula	C ₃₇ H ₅₁ N ₉ O ₁₀ S
Molecular Weight	813.9
Batch No.	CP52250801
CAS No.	80714-61-0
Sequence	Met-Glu-His-Phe-Pro-Gly-Pro
Manufacturing Date	08/04/2025
Expiry Date	08/03/2027
Store at	Keep in dark and cool dry place, -20°C for long term storage

Items	Standards	Results
Appearance	White powder or granule	Confirmed
Identity by MS	813.9±1	813.80
Purity (HPLC)	≥ 98.0%	99.77%
Water (K.F.)	≤8.0%	2.86%
Solubility	Soluble in water	confirmed
Acetic acid content (by HPLC)	≤15.0%	1.32%
TFA Content (by HPLC)	≤0.5%	N.D.
Related Substance (by HPLC)	Total Impurities:≤2.0% Largest Single Impurity:≤1.0%	0.23% 0.23%
Peptide content	Reported value	95.59%
Conclusion	Conforms to standard	Complies

Notes: for research use only

Q. C. Manager: Joseph

2025-12-11

Inspector: Nancy Luke

2025-12-11