

Revitalise Research Ltd

Certificate of Analysis			
Product Name	Semax 10mg		
CAS. NO.	80714-61-0	Batch No.	TH-250807
Molecular Formula	C ₃₇ H ₅₁ N ₉ O ₁₀ S	Molecular Weight	813.93
Mfg.Date	2025.08.07	Retest Date	2027.08.06
Report Date	2025.08.09	Amount	10mg
Sequence: Met-Glu-His-Phe-Pro-Gly-Pro (H-Met-Glu-His-Phe-Pro-Gly-Pro-OH)			
Items		Specification	Result
1	Appearance	White powder in vial	White powder
2	Solubility	Freely soluble in water	Conforms
3	Water Content (K.F)	≤7.0%	2.43%
4	Acetic Acid	≤15.0%	3.73%
5	Identity by MS	Theoretical MW:813.92	Confirms
6	Purity (by HPLC)	≥98.0%	99.08%
7	Residual Solvent	Acetonitrile ≤410ppm	Conforms
		Dichloromethane ≤600ppm	N.D
		Methanol ≤3000ppm	Conforms
		N,N-Dimethylformamide ≤880ppm	N.D
8	Total Plate count	≤200cfu/g	Conforms
9	Bacterial Endotoxins	< 10 EUmg	Conforms
10	Amount by HPLC	10 mg	11.01mg
Storage	Preserve in an air tight container, protected from light at a temperature of -25°C-15°C		
Conclusion	The product tested Conform with In-house standard		
Remark	It is only supplied as chemical product		