

CERTIFICATE OF ANALYSIS

Peptide / Cosmetic Testing Report

CLIENT Certipeptide.com	CLIENT EMAIL support@certipeptide.com	CLIENT CONTACT Whatsapp:+852 4765 1436	PRODUCT / SAMPLE Semax XA5
SAMPLE TYPE Lyophilized peptide powder	BATCH NUMBER XDMN4VEFXOWW	ANALYSIS DATE 2026-08-24	ISSUE DATE 2026-08-24
SAMPLE DESCRIPTION White, loose powder; chemical for R&D use; 5 mg per bottle; date of manufacture: 2026-08-16; retest date: 2028-08-16.			

ANALYTES / COMPONENTS

ANALYTE	CAS	MOLECULAR FORMU- LA	THEORETICAL MW	LABEL CLAIM	MODIFICA- TION
Semax XA5	80714-61-0	C37H51N9O10S	813.9	5mg	Acetate
SEQUENCE: MEHFPGP					

TEST RESULTS

ANALYTE	TEST	METHOD	SPECIFICATION	RESULT	DECISION
Semax XA5	Appearance	Visual	White or almost white loose powder	White loose powder	Pass
Semax XA5	Mass spectrum	MS	813.9 +/- 1.0 Da	813.0 Da	Pass
Semax XA5	Purity	HPLC	NLT 98.0 %	98.7 %	Pass
Semax XA5	Peptide content	HPLC	NLT 90.0 %	90.6 %	Pass
Semax XA5	Actual fill	Gravimetric	5 mg	5.59 mg	Pass
Semax XA5	Water content	Karl Fischer	NMT 8.0 %	5.7 %	Pass
Semax XA5	Bacterial endotoxins	LAL (gel-clot)	NMT 10 EU/mg	<3 EU/mg	Pass

OVERALL CONCLUSION
Pass

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