

CERTIFICATE OF ANALYSIS

Peptide / Cosmetic Testing Report

CLIENT Certipeptide.com	CLIENT EMAIL support@certipeptide.com	CLIENT CONTACT Whatsapp:+852 4765 1436	PRODUCT / SAMPLE Tesamorelin TSM5
SAMPLE TYPE Lyophilized peptide powder	BATCH NUMBER CX943TO66PKQ	ANALYSIS DATE 2026-08-06	ISSUE DATE 2026-08-06
SAMPLE DESCRIPTION White, loose powder; chemical for R&D use; 5 mg per bottle; date of manufacture: 2026-07-08; retest date: 2028-07-08.			

ANALYTES / COMPONENTS

ANALYTE	CAS	MOLECULAR FORMU-LA	THEORETICAL MW	LABEL CLAIM	MODIFICA-TION
Tesamorelin TSM5	218949-48-5	C221H366N72O67S	5135.9	5mg	Acetate

TEST RESULTS

ANALYTE	TEST	METHOD	SPECIFICATION	RESULT	DECISION
Tesamorelin TSM5	Appearance	Visual	White or almost white loose powder	White loose powder	Pass
Tesamorelin TSM5	Mass spectrum	MS	5135.9 +/- 1.0 Da	5135.0 Da	Pass
Tesamorelin TSM5	Purity	HPLC	NLT 98.0 %	99.4 %	Pass
Tesamorelin TSM5	Peptide content	HPLC	NLT 90.0 %	90.3 %	Pass
Tesamorelin TSM5	Actual fill	Gravimetric	5 mg	5.76 mg	Pass
Tesamorelin TSM5	Water content	Karl Fischer	NMT 8.0 %	3.3 %	Pass
Tesamorelin TSM5	Bacterial endotoxins	LAL (gel-clot)	NMT 10 EU/mg	<3 EU/mg	Pass

OVERALL CONCLUSION

Pass

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