

CERTIFICATE OF ANALYSIS

Peptide / Cosmetic Testing Report

CLIENT Certipeptide.com	CLIENT EMAIL support@certipeptide.com	CLIENT CONTACT Whatsapp:+852 4765 1436	PRODUCT / SAMPLE Thymosin Alpha-1 TA5
SAMPLE TYPE Lyophilized peptide powder	BATCH NUMBER TGFJJ3A0JK14	ANALYSIS DATE 2026-04-08	ISSUE DATE 2026-04-08
SAMPLE DESCRIPTION White, loose powder; chemical for R&D use; 5 mg per bottle; date of manufacture: 2026-03-12; retest date: 2028-03-12.			

ANALYTES / COMPONENTS

ANALYTE	CAS	MOLECULAR FORMU-LA	THEORETICAL MW	LABEL CLAIM	MODIFICA-TION
Thymosin Alpha-1 TA5	62304-98-7	C129H215N33O55	3108.3	5mg	Acetate

TEST RESULTS

ANALYTE	TEST	METHOD	SPECIFICATION	RESULT	DECISION
Thymosin Alpha-1 TA5	Appearance	Visual	White or almost white loose powder	White loose powder	Pass
Thymosin Alpha-1 TA5	Mass spectrum	MS	3108.3 +/- 1.0 Da	3108.0 Da	Pass
Thymosin Alpha-1 TA5	Purity	HPLC	NLT 98.0 %	98.9 %	Pass
Thymosin Alpha-1 TA5	Peptide content	HPLC	NLT 90.0 %	92.6 %	Pass
Thymosin Alpha-1 TA5	Actual fill	Gravimetric	5 mg	5.67 mg	Pass
Thymosin Alpha-1 TA5	Water content	Karl Fischer	NMT 8.0 %	3.4 %	Pass
Thymosin Alpha-1 TA5	Bacterial endotoxins	LAL (gel-clot)	NMT 10 EU/mg	<3 EU/mg	Pass

OVERALL CONCLUSION
Pass

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