

CERTIFICATE OF ANALYSIS

Peptide / Cosmetic Testing Report

CLIENT Certipeptide.com	CLIENT EMAIL support@certipeptide.com	CLIENT CONTACT Whatsapp:+852 4765 1436	PRODUCT / SAMPLE ACTH (1-39) ACTH1
SAMPLE TYPE Lyophilized peptide powder	BATCH NUMBER YKUD4HHRCVPD	ANALYSIS DATE 2026-08-02	ISSUE DATE 2026-08-02
SAMPLE DESCRIPTION White, loose powder; chemical for R&D use; 5 mg per bottle; date of manufacture: 2026-07-12; retest date: 2028-07-12.			

ANALYTES / COMPONENTS

ANALYTE	CAS	MOLECULAR FORMU- LA	THEORETICAL MW	LABEL CLAIM	MODIFICA- TION
ACTH (1-39) ACTH1	12279-41-3	C207H308N56O58S	4541.1	5mg	Acetate

TEST RESULTS

ANALYTE	TEST	METHOD	SPECIFICATION	RESULT	DECISION
ACTH (1-39) ACTH1	Appearance	Visual	White or almost white loose powder	White loose powder	Pass
ACTH (1-39) ACTH1	Mass spectrum	MS	4541.1 +/- 1.0 Da	4540.2 Da	Pass
ACTH (1-39) ACTH1	Purity	HPLC	NLT 98.0 %	98.8 %	Pass
ACTH (1-39) ACTH1	Peptide content	HPLC	NLT 90.0 %	93.3 %	Pass
ACTH (1-39) ACTH1	Actual fill	Gravimetric	5 mg	5.84 mg	Pass
ACTH (1-39) ACTH1	Water content	Karl Fischer	NMT 8.0 %	3.4 %	Pass
ACTH (1-39) ACTH1	Bacterial endotoxins	LAL (gel-clot)	NMT 10 EU/mg	<3 EU/mg	Pass

OVERALL CONCLUSION

Pass

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AUTHORIZED SIGNATURE

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