

CERTIFICATE OF ANALYSIS

Peptide / Cosmetic Testing Report

CLIENT Certipeptide.com	CLIENT EMAIL support@certipeptide.com	CLIENT CONTACT Whatsapp:+852 4765 1436	PRODUCT / SAMPLE AHK-Cu AU20
SAMPLE TYPE Lyophilized peptide powder	BATCH NUMBER PUT8EYS862H9	ANALYSIS DATE 2026-06-25	ISSUE DATE 2026-06-25
SAMPLE DESCRIPTION White, loose powder; chemical for R&D use; 20 mg per bottle; date of manufacture: 2026-06-02; retest date: 2028-06-02.			

ANALYTES / COMPONENTS

ANALYTE	CAS	MOLECULAR FORMU-LA	THEORETICAL MW	LABEL CLAIM	MODIFICA-TION
AHK-Cu AU20	682809-81-0	C15H25CuN6O4	416.9	20mg	Copper com-plex
SEQUENCE: AHK-Cu					

TEST RESULTS

ANALYTE	TEST	METHOD	SPECIFICATION	RESULT	DECISION
AHK-Cu AU20	Appearance	Visual	White or almost white loose powder	White loose powder	Pass
AHK-Cu AU20	Mass spectrum	MS	416.9 +/- 1.0 Da	416.3 Da	Pass
AHK-Cu AU20	Purity	HPLC	NLT 98.0 %	99.5 %	Pass
AHK-Cu AU20	Peptide content	HPLC	NLT 90.0 %	93.7 %	Pass
AHK-Cu AU20	Actual fill	Gravimetric	20 mg	23.15 mg	Pass
AHK-Cu AU20	Water content	Karl Fischer	NMT 8.0 %	4.7 %	Pass
AHK-Cu AU20	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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