

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 AU50
SAMPLE TYPE Lyophilized peptide powder	BATCH NUMBER TY5CKMVQ8KHL	ANALYSIS DATE 2026-06-25	ISSUE DATE 2026-06-25
SAMPLE DESCRIPTION White, loose powder; chemical for R&D use; 50 mg per bottle; date of manufacture: 2026-06-03; retest date: 2028-06-03.			

ANALYTES / COMPONENTS

ANALYTE	CAS	MOLECULAR FORMU-LA	THEORETICAL MW	LABEL CLAIM	MODIFICA-TION
AHK-Cu AU50	682809-81-0	C15H25CuN6O4	416.9	50mg	Copper com-plex
SEQUENCE: AHK-Cu					

TEST RESULTS

ANALYTE	TEST	METHOD	SPECIFICATION	RESULT	DECISION
AHK-Cu AU50	Appearance	Visual	White or almost white loose powder	White loose powder	Pass
AHK-Cu AU50	Mass spectrum	MS	416.9 +/- 1.0 Da	416.1 Da	Pass
AHK-Cu AU50	Purity	HPLC	NLT 98.0 %	99.2 %	Pass
AHK-Cu AU50	Peptide content	HPLC	NLT 90.0 %	90.4 %	Pass
AHK-Cu AU50	Actual fill	Gravimetric	50 mg	54.09 mg	Pass
AHK-Cu AU50	Water content	Karl Fischer	NMT 8.0 %	3.4 %	Pass
AHK-Cu AU50	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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