

CERTIFICATE OF ANALYSIS

Peptide / Cosmetic Testing Report

CLIENT Certipeptide.com	CLIENT EMAIL support@certipeptide.com	CLIENT CONTACT Whatsapp:+852 4765 1436	PRODUCT / SAMPLE MOTS-c MS40
SAMPLE TYPE Lyophilized peptide powder	BATCH NUMBER 50ONFJEI6HFS	ANALYSIS DATE 2026-08-01	ISSUE DATE 2026-08-01
SAMPLE DESCRIPTION White, loose powder; chemical for R&D use; 40 mg per bottle; date of manufacture: 2026-07-14; retest date: 2028-07-14.			

ANALYTES / COMPONENTS

ANALYTE	CAS	MOLECULAR FORMU- LA	THEORETICAL MW	LABEL CLAIM	MODIFICA- TION
MOTS-c MS40	1627580-64-6	C100H165N27O26S	2174.6	40mg	Acetate
SEQUENCE: MRWQEMGYIFYPRKLR					

TEST RESULTS

ANALYTE	TEST	METHOD	SPECIFICATION	RESULT	DECISION
MOTS-c MS40	Appearance	Visual	White or almost white loose powder	White loose powder	Pass
MOTS-c MS40	Mass spectrum	MS	2174.6 +/- 1.0 Da	2174.1 Da	Pass
MOTS-c MS40	Purity	HPLC	NLT 98.0 %	99.5 %	Pass
MOTS-c MS40	Peptide content	HPLC	NLT 90.0 %	93.5 %	Pass
MOTS-c MS40	Actual fill	Gravimetric	40 mg	42.12 mg	Pass
MOTS-c MS40	Water content	Karl Fischer	NMT 8.0 %	4.2 %	Pass
MOTS-c MS40	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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