

CERTIFICATE OF ANALYSIS

Peptide / Cosmetic Testing Report

CLIENT Certipeptide.com	CLIENT EMAIL support@certipeptide.com	CLIENT CONTACT Whatsapp:+852 4765 1436	PRODUCT / SAMPLE Orexin B OB5
SAMPLE TYPE Lyophilized peptide powder	BATCH NUMBER SGE5IMC6Q09Y	ANALYSIS DATE 2026-05-15	ISSUE DATE 2026-05-15
SAMPLE DESCRIPTION White, loose powder; chemical for R&D use; 5 mg per bottle; date of manufacture: 2026-04-21; retest date: 2028-04-21.			

ANALYTES / COMPONENTS

ANALYTE	CAS	MOLECULAR FORMU- LA	THEORETICAL MW	LABEL CLAIM	MODIFICA- TION
Orexin B OB5	205640-91-1	C123H212N44O35S	2899.3	5mg	Acetate
SEQUENCE: RSGPPGLQGRLQRLQLQASGNHAAGILTM-NH2					

TEST RESULTS

ANALYTE	TEST	METHOD	SPECIFICATION	RESULT	DECISION
Orexin B OB5	Appearance	Visual	White or almost white loose powder	White loose powder	Pass
Orexin B OB5	Mass spectrum	MS	2899.3 +/- 1.0 Da	2898.9 Da	Pass
Orexin B OB5	Purity	HPLC	NLT 98.0 %	98.7 %	Pass
Orexin B OB5	Peptide content	HPLC	NLT 90.0 %	91.1 %	Pass
Orexin B OB5	Actual fill	Gravimetric	5 mg	5.51 mg	Pass
Orexin B OB5	Water content	Karl Fischer	NMT 8.0 %	5.4 %	Pass
Orexin B OB5	Bacterial endotoxins	LAL (gel-clot)	NMT 10 EU/mg	<3 EU/mg	Pass

OVERALL CONCLUSION
Pass

VERIFY THIS CERTIFICATE AT QCTESTS.COM

Verification code: 9750B66154

Scan the QR code or enter the COA number and code online.



AUTHORIZED SIGNATURE

QCTtests

QCTtests · Issued on 2026-05-15

