

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 OB10
SAMPLE TYPE Lyophilized peptide powder	BATCH NUMBER RVJRM521PZV0	ANALYSIS DATE 2026-05-15	ISSUE DATE 2026-05-15
SAMPLE DESCRIPTION White, loose powder; chemical for R&D use; 10 mg per bottle; date of manufacture: 2026-05-01; retest date: 2028-05-01.			

ANALYTES / COMPONENTS

ANALYTE	CAS	MOLECULAR FORMU- LA	THEORETICAL MW	LABEL CLAIM	MODIFICA- TION
Orexin B OB10	205640-91-1	C123H212N44O35S	2899.3	10mg	Acetate
SEQUENCE: RSGPPGLQGRLQRLQLASGNHAAGILTM-NH2					

TEST RESULTS

ANALYTE	TEST	METHOD	SPECIFICATION	RESULT	DECISION
Orexin B OB10	Appearance	Visual	White or almost white loose powder	White loose powder	Pass
Orexin B OB10	Mass spectrum	MS	2899.3 +/- 1.0 Da	2898.7 Da	Pass
Orexin B OB10	Purity	HPLC	NLT 98.0 %	98.7 %	Pass
Orexin B OB10	Peptide content	HPLC	NLT 90.0 %	92.3 %	Pass
Orexin B OB10	Actual fill	Gravimetric	10 mg	11.42 mg	Pass
Orexin B OB10	Water content	Karl Fischer	NMT 8.0 %	4.3 %	Pass
Orexin B OB10	Bacterial endotoxins	LAL (gel-clot)	NMT 10 EU/mg	<3 EU/mg	Pass

OVERALL CONCLUSION
Pass

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